Surplus Chemicals Offered—Page 5

Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

Volume 146 No. 25 — Schnell Publishing Company, Inc., Publishers — December 18, 1944

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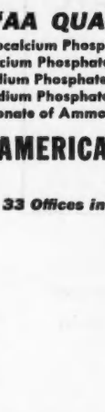

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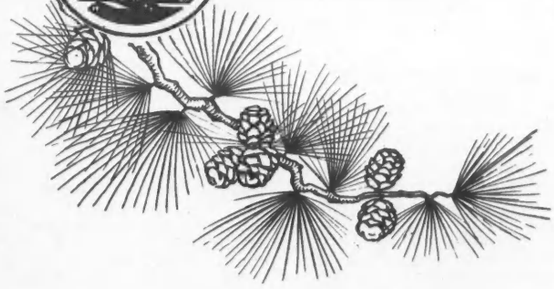

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Vol. 146 No. 25 New York 7, N. Y. December 18, 1944

Postwar Imports Study Asked

OPD Washington Bureau

An investigation by the Tariff Commission of probable imports during the postwar period of items which figured large in our import trade during 1939 was ordered by the Senate December 8 when it approved the Brewster resolution, S. Res. 341. The resolution had been reported previously by the senate finance committee in modified form.

Under terms of the resolution the Tariff Commission is directed to examine articles, dutiable and free, the imports of which in 1939 were valued at over $100,000, or which in the judgment of the commission might be imported in excess of that amount in the postwar period, and, insofar as it may prove practicable, to report to the senate, with respect to each such article, as follows:—

1. (a) The quantity and value of imports in 1939; (b) the quantity and value of United States production, consumption, and exports in 1939 of the like, similar, or competitive article, the ratio of imports to domestic consumption, and the number of persons engaged in the production thereof.

2. The probable short- and long-term effects with specific estimates wherever possible of the changes in conditions which have resulted from the war upon the quantity and value of imports, and upon the production, the number of persons engaged in production, the consumption and the exports of the like, similar, or competitive article, if the duties in effect on July 1, 1939, were to (a) remain in effect, (b) be reduced by 50 percent, and (c) be increased by 50 percent; provided, that such estimates shall be based upon two assumptions; first, that the national income in the postwar period is approximately that which prevailed in 1939; and, second, that the national annual income in the postwar period will be 75 percent greater than in 1939.

Sec. 2. The commission shall undertake these products, so far as practical according to the schedules in the Tariff Act of 1930, or, if preferred, according to the import classes used by the Department of Commerce. The report on each group shall be submitted to the Senate as it is completed and all reports in response to this resolution shall be submitted not later than February 28, 1945.

War Power Act Extension Passed by Congress

OPD Washington Bureau

Legislation extending the authority of the second war powers act under which the War Production Board has been carrying on its production and allocation programs was passed by the senate December 8. The bill H. R. 4993 previously had been approved by the house and it now goes to the White House. It extends the law for another year until December 31, 1945, unless terminated earlier by Presidential proclamation or concurrent resolution of congress.

Only one change is made by the bill in the present law. This is to permit court review of suspension orders of the WPB. The bill gives the district courts exclusive jurisdiction to enjoin or set aside suspension orders issued against a contractor for violations of a previous allocation or authority.

Du Pont Pigments Dep't Sales Executives Named

G. A. McCorkle has been named assistant to F. H. Weismuller, director of sales of the pigments department of E. I. duPont de Nemours & Co., Wilmington, Del., according to J. F. Daley, general manager of the department.

W. R. Morpeth has been made manager of white pigments, and J. W. Cronin has been named sales manager, dry colors. J. A. Frederickson has become manager of the central sales district, with offices in Cleveland, succeeding Mr. Cronin.

New A.Ph.A. Secretary

Dr. Robert P. Fischelis was elected December 9 by the council of the American Pharmaceutical Association as secretary of the association for the unexpired term of the late E. F. Kelly. Election of a full-term secretary will be by the house of delegates at the next annual meeting of the association. Dr. Fischelis will take over January 1. He has tendered to the War Production Board his resignation from the post of chief of the chemicals, drugs, and health supplies branch of the Office of Civilian Requirements.

Flaxseed Subsidy Approved by Senate

OPD Washington Bureau

A $30,000,000 subsidy authorization to encourage the growing of flaxseed next year to overcome the shortage of linseed oil for manufacture of paints was approved by the senate December 14. The program was added as a rider to a bill (H.R. 4911) providing crop insurance for growers of wheat, cotton and flax, and it now goes back to the house for approval.

Although the provisions of the bill state that the money is to be used to provide incentive payment to the growers to encourage the extension of acreage, the debate in the senate in-

—Continued on page 48

Tin Cans Price Advisory Group Named

OPD Washington Bureau

Nine manufacturers of tin cans have been appointed to an industry advisory committee which will advise and consult with the Office of Price Administration on problems which may arise in the pricing of their products. Members of the Can Manufacturers' Industry Advisory Committee are:—

Walter Compertz, of the Mason Can Company, East Providence, R. I.; C. A. Rolfes, of the Heakin Can Company, Cincinnati; S. L. Buschman, of the National Can Corporation, New York; J. F. Egenolf, of the Continental Can Company, New York; J. R. Phelps, of the Phelps Can Company, Weirton, W. Va.; W. C. Stolk, of the American Can Company, New York; E. B. Webster, of the Crown Can Company, Philadelphia, Pa.; H. K. Taylor, jr., George D. Ellis & Sons, Inc., Philadelphia, Pa., and E. F. Euphrat, of the Pacific Can Company, San Francisco.

White Lead 'Trust' Examiner Named

Webster Ballinger has been designated by the Federal Trade Commission as the trial examiner in its complaint charging producers and distributors of white lead with collusion in violation of the antitrust laws.

The taking of testimony in the proceeding is scheduled to begin January 15, 1945, at 2:00 p.m. in room 500 at 45 Broadway, New York.

Penicillin International Standards Are Released

OPD Washington Bureau

Recommendations adopted at the conference in London last October establishing an international standard for penicillin and the definition of an international unit were forwarded to all producers of the new drug for their information December 14 by the War Production Board.

At the same time the board made public a new report prepared by Dr. Chester S. Keefer, chairman of the committe on chemotherapy of the National Research Council, listing various ailments that can be successfully treated with penicillin, conditions where use of the drug is of questionable value, and those in which the drug has been proven ineffective.

The report is based upon a study of over 5,000 cases reported to Dr. Keefer, covering experience gained by clinical teams and physicians in a number of institutions, and is being recommended by the WPB as a guide for treatment with penicillin in hospitals and institutions in the interest of conserving supplies for those cases where administration of the drug is justified.

Production of penicillin, it was stated at the WPB, is continuing to increase and next year it is expected to amount to two and a half or three times this year's output. The military is still taking a large percentage of the output monthly, but the amounts available for civilians is continuing to be increased. For December the civilian quota amounted to 30,000,000 units.

The International standard adopted at the London conference, in general, adheres closely to the standard which the Food and Drug Administration has been using in its tests of the drug for the military.

According to the American delegates to the conference—Dr. R. D. Coghill, of the Northern Regional Research Laboratory; Dr. R. P. Herwick, of the Food and Drug Administration, and Dr. M. V. Veldee, of the Public Health Service—the results of the conference were based largely on the extensive penicillin assays which had been carried out previous to the meeting in the United States, Canada, and England on a selected series of samples distributed by Sir Percival Hartley of the National Institute for Medical Research, London.

The organizations which participated in this assay work were:—

Sir William Dunn School of Pathology, Oxford, England; Imperial Chemical (Pharmaceuticals), Ltd., Manchester, England; Laboratory of Hygiene, Department of Pensions and National Health, Ottawa, Canada; Wellcome Physiological Research Laboratories at Beckenham and Belmont, England; the National Institute for Medical Research, Hampstead, London; Northern Regional Research Laboratory, Peoria, Ill.; Charles Pfizer & Co., Brooklyn,

—Continued on page 66

Du Vigneaud Awarded W.H. Nichols Medal

Prof. Vincent du Vigneaud, head of the department of biochemistry of Cornell University Medical College, has been awarded the William H. Nichols Medal of the New York Section of the American Chemical Society.

Vincent Du Vigneaud

Prof. du Vigneaud was cited for his researches on biotin, called nature's most powerful vitamin. His discovery of the chemical architecture of biotin

—Continued on page 48

Potash Chloride Project in Ky. Retarded

OPD Washington Bureau

The program for conversion of potassium chloride to potash sulfate in the Louisville, Ky., plant of the Rubber Reserve Company of the Reconstruction Finance Corporation, has been interrupted by a breakdown of the hydrochloric acid producing facilities, the War Production Board told the Potash Producers Industry Advisory Committee at a recent meeting. The program was initiated in November for the purpose of supplementing the supply of potash particularly in the tobacco producing areas, WPB said.

A short time after potassium chloride was substituted for sodium

—Continued on page 67

H.H. Tolley Appointed To Food Commission

OPD Washington Bureau

Howard H. Tolley, chief of the Bureau of Agricultural Economics of the Department of Agriculture, has been designated as American representative of the United Nations Interim Food Commission by President Roosevelt. Mr. Tolley replaces Paul H. Appleby, who recently resigned.

Mr. Roosevelt also appoined Leroy D. Stinebower of the State Department as American alternate on the Commission.

Hedgepeth Chairman Of M.C.A. Carboy Group

OPD Washington Bureau

L. L. Hedgepeth, manager of the Technical Service Department of the Pennsylvania Solvent Manufacturing Company, has been named chairman of the carboy committee of the Manufacturing Chemists Association, it is announced by the association. Mr. Hedgepeth succeeds T. P. Callahan of Monsanto Chemical Co., who has been made chairman of the association's committee on poisonous articles and miscellaneous packages.

Amer. Standards Ass'n Re-Elects Officers

Henry B. Bryans, executive vice-president and director of the Philadelphia Electric Company, has been re-elected president of the American Standards Association. Other officers re-elected were:—

Vice-president, George S. Case, of the Lamson & Sessions Company; chairman of the standards council, H. S. Osborne, of the American Telephone and Telegraph Company; vice-chairman of the standards council, E. C. Crittenden, of the National Bureau of Standards.

Consulting Chemists Discuss Murray Bill

A discussion of the Murray bill (S. 1913) pending in Congress, with an objective of assistance for small business, was discussed by members of the Association of Consulting Chemists and Chemical Engineers at a meeting in New York, December 12. The discussion centered around the desirability, the necessity, and the practicability of governmental supporting relations with business.

Presenting this problem of business relations, Albert P. Sachs, president of the association, made an evaluating comparison of the ends and the means of the Murray bill's proposal. He dwelt upon the definitions of small business set up in the measure as an indication of the uncertainty of its application to a given enterprise. The general underability of governmental aid was a basic objection to the bill.

The trend of governmental thought and function with relation to business was traced by Percy E. Landolt, who felt that business as a whole should be the judge of its needs and should take the responsibility of dealing with these satisfactorily.

Discussing particularly section 12 (2) of the bill, Earl P. Stevenson, president of Arthur D. Little, Inc., raised several questions on the basic policy reflected in the measure. Other aspects were covered by members of the association and a representative of the small business committee.

The meeting, preceded by dinner, was held in the plant of the Electrical Testing Laboratories, through the courtesy of Preston S. Millar, its president. The host was given a rising vote of appreciation by the seventy who were present.

Recent Imports

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ACID, CRESYLIC—875 dms

ASBESTOS—7,510 bgs, 751,000 lbs, United States Commercial Co
4,772 bgs, 477,200 lbs, Johns Manville Co

ARAROBA POWDER—25 cs, S B Penick & Co

BONES, INDUSTRIAL—534 bgs, 53,400 lbs, Charles Hollinshed Co

KNUCKLE—51 bgs, 5,100 lbs, Charles Hollinshed Co

MANUFACTURED—65 bgs, 6,500 lbs, Eastman Gelatine Co

BRISTLES—16 cs, Philadelphia National Bank
6 cs, J Henry Schroeder Banking Corp
16 cs, Public National Bank & Trust Co

HOG—26 cs, Philadelphia National Bank
14 cs, Corn Exchange Bank & Trust Co
395 cs, United States Commercial Co
12 cs, Stokby Co
8 cs, Samuel Zeitlin & Son

CASHEW KERNELS—202 cs, 10,100 lbs, Wood & Selick
100 cs, 5,000 lbs, Virginia Spanish Peanut Co
22 cs, 1,100 lbs, Abel Reggio
15 cs, 750 lbs, Braun Importing Co
113 cs, 5,650 lbs, Zaloom & Co
75 cs, 3,750 lbs, National Nut Co
15 cs, 750 lbs, Jacques Misser
800 cs, 40,000 lbs, L Damartini
100 cs, 5,000 lbs, Johnson Nut Co
800 cs, 40,000 lbs, T M Duche & Sons
145 cs, 7,250 lbs, Biddle Purchasing Co

—*Continued on page 70*

OPD Price Index

The OIL, PAINT AND DRUG REPORTER's relative record of prices for chemicals and related materials is currently as follows:—

Dec. 15 1944	Dec. 8. 1944	Dec. 17. 1943
132.5	**132.6**	**138.1**

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

Price views got a bit of pushing around in the markets for chemicals, oils, and drugs last week. Eggstuff went up; so did fish oils; likewise mercury, in spite of nasty weather. The drug group sagged in plants and derivatives, and there was some depression of the aromatics line. The net effect was a slight lowering of the general average.

Trading got duller overall, although there was some new activity in certain stuffs needed in war, and other goods were still being bought for lend-lease and such at some or many times what the same stuff was being sold for out of WFA surpluses.

Obituaries

A.U. Campbell

Archibald Upjohn Campbell, former treasurer of the Sidney Ross Company, pharmaceutical manufacturer, Newark, N. J., died December 13, in Fort Myers, Fla. He was sixty-eight years of age.

Mr. Campbell joined the Sidney Ross Company in 1905, when its main offices were in New York. He retired in 1938, when the company was sold to Sterling Products Company.

Surviving is his wife.

Joe Thomas Phillips

Joe Thomas Phillips, vice-president of the Consolidated Chemical Industries, Inc., died of a heart ailment last week. He was fifty-eight years of age. Mr. Phillips, who had been with the company twelve years, was in charge of Eastern sales. He formerly was an executive of the American Glue Company.

Surviving are his wife, a daughter and a son.

Thomas E. Kearns

Thomas E. Kearns, for many years general superintendent of the white lead and oxide plants of Atlantic Branch of the National Lead Company, died December 10 near Newton, N. J. He was seventy-one years of age.

Earl E. Hagerty, well known fertilizer broker who had done business in Los Angeles for many years, died at his home in Los Angeles, December 8, following a heart attack. He was sixty years old. Surviving are his widow, two sons, two step-sons.

Drug, Aromatic Planters Of West Coast Meet

Cultivation of botanical drugs and aromatic plants for use as herbs or in the production of essential oils offers the United States a business of $32,000,000 a year, said Monroe C. Kidder, of the division of drug and oil plants, California State Department of Education, speaking at the second annual conference of growers and processors of these plants, December 5 and 6, in Los Angeles. Trade agreements were a handicap to this possibility, he declared; and he felt that "only sufficient tariff protection and, at times, Federal financial help" were needed to make such a business a success.

Substantial increase in the $3,500,000 production of peppermint oil on the Pacific coast was seen by Paul Tornow, of the research division, University of Washington. An additional 5,000 acres are needed immediately, he said, because of the increasing demand. The Pacific coast produces 40 percent of the supply, but more than 5,000 acres were out of production in Michigan and Indiana this year because of the ravages of a root fungus on the plants. No remedy for this pest has yet been developed, Mr. Tornow said.

The threat of a shortage of cascara sagrada was presented by inadequate replanting and destructive peeling methods, said Alfred Arnst, forestry specialist in the United States Soil Conservation Service. Youthful peelers, substituting for their elders who have gone into warwork and spurred by the pay of 20 cents a pound, have had no regard, he said, for the future of supplies or for private property. The armed forces are using as much as 60,000 tons of cascara, and there is, in Mr. Arnst's opinion, need for at least 100,000 acres of this tree in California. Free cascara seedlings are available under the Federal soil conservation program.

Development of an intrastate source of red squill for rodent control in the combating of bubonic plague, was urged by Dr. Elmer Belt, of the California State Board of Health.

Other aspects of the cultivation of drug and aromatic plants were discussed by Dr. Elmer H. Wirth, of the University of Illinois, and Dr. Herbert L. Mason, of the University of California. Dr. Frederick W. Roman, a regent of the University of California, was general chairman of the conference.

Freight Rate Boost Suspension Continue

OPD Washington Bureau

Increased freight rates averaging 4.7 percent which the railroads were authorized to put into effect in March, 1942, but were suspended a year later on petition of the Office of Price Administration, were ordered continued in suspension until January 1, 1946, by the Interstate Commerce Commission in an order issued December 13. The present suspension was due to expire January 1.

The action of the commission came on a seven-to-two vote of the members rejecting a petition of the Office of Economic Stabilization, OPA, and the War Food Administration for outright cancellation of the freight rate increase, as well as cancellation of the 10 percent increase in passenger fares which the railroads have had in effect since February, 1942.

Although the suspension of the freight raise is continued for a year, the commission announced that it was holding the docket open so that any party may request further action should there be a substantial change is conditions. Operating revenues of the railroads this year are at an all-time high, the commission noted.

DCAT Section Elects Officers

The Drug, Chemical and Allied Trades Section of the New York Board of Trade has elected officers to serve during the next fiscal year. The results of this election, which took place at the organization meeting of the new executive committee, held at the Drug and Chemical Club, this city, follow:—

Chairman, Guy L. Marsters, vice-president of the Norwich Pharmacal Company; vice-chairman, Harold M. Altshul, president of Ketchum & Co.; treasurer, Robert B. Magnus, vice-president of Magnus, Mabee & Reynard, Inc. (re-elected); acting secretary, Miss Helen L. Booth, of the New York Board of Trade, Inc. (re-elected). Carl M. Anderson, assistant to the president of Merck & Co., was reappointed counsel.

The retiring chairman, E. T. T. Williams, chairman of the executive committee of Becton, Dickinson & Co., automatically becomes a member of the section's advisory council, which consists of the ex-chairmen for the past five years.

Bids Wanted

Gasoline:—Office of the Bureau of Purchases and Supplies, Cleveland Transit System, Cleveland, Ohio; resolution No. 1067-44, opening December 22.

Lubricating Oils and Greases:—Office of the Bureau of Purchases and Supplies, Cleveland Transit System, Cleveland, Ohio; resolution No. 1129-44, opening December 22.

Medical Supplies:—Office of the Commissioner of Purchases and Supplies, City Hall, Cleveland; ordinance No. 884-44, opening December 15.

Methyl Violet Toner:—2,000 pounds, Purchasing Agent, Bureau of Engraving and Printing, Washington (25); invitation BEP-503, opening December 19.

Oleomargarin, Colored: — 860,000 pounds, Procurement and Price Support Branch, Office of Distribution, War Food Administration, Washington (25); announcement Awd-280, supplement 1, opening December 20.

Paint and Varnish Thinner:—1,080 gallons, Treasury Department, Procurement Division, Procurement Office, Chicago; invitation SF-1580-45, opening December 11.

Paints:—General Purchasing Officer, The Panama Canal, Washington (25); schedule 7634, opening December 23.

Soap, Toilet:—232,500 pounds, Chief, Procurement and Price Support Branch, Office of Distribution, War Food Administration, Washington (25); announcement Awd-301, supplement No. 1, opening December 18.

Sour:—1,200 pounds, Purchasing Agent, District Government, Washington (4); schedule 6318, opening December 14.

White Lead:—100,000 pounds, General Purchasing Officer, The Panama Canal, Washington (25); schedule 7635, opening December 23.

Zinc Oxide, Paste in Oil:—50,000 pounds, General Purchasing Officer, The Panama Canal, Washington (25); schedule 7635, opening December 23.

Oil, Paint and Drug Reporter, Vol. 146, No. 25, December 18, 1944. Published weekly by Schnell Publishing Company, Inc., 59 John St., New York 7, N. Y., U. S. A. Tel. REctor 2-9820. Subscription price:—United States and possessions, Cuba, Mexico, Central America and South America, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter, January 15, 1884, at the New York Post Office under the act of March 3, 1879. Copyright, 1944, by Schnell Publishing Company, Inc.

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Pro-Medico Labs. in Contempt Of Benzedrine Injunction

Pro-Medico Laboratories and Samuel Heller, Brooklyn, N. Y., have been adjudged in contempt of court by Judge Robert A. Inch, in the United States District Court for the Eastern District of New York, for having violated an injunction issued against them by that court in March, 1944. Damages amounting to $2,000 were awarded.

The injunction was issued as a result of a consent decree which settled a suit brought against Pro-Medico Laboratories and Heller by Smith, Kline & French Laboratories, Philadelphia, for unfair competition and infringement of United States patent 1,879,003 on amphetamine sulphate, which the S. K. & F. company markets under the trademark, "Benzedrine." The unfair competition side of the case had to do with imitation of the S. K. & F. 5-milligram and 10-milligram benzedrine tablets.

WFA Offerings

The War Food Administration is offering to the original processors the following quantities of naval stores and essential oils no longer needed to fulfill war requirements. Further information can be obtained from Brian T. Cunningham of the WFA Washington office, telephone Re. 4142, extension 4226:—

Rectified Tar Oil, 456 one-pound bottles, Savannah, Ga.; 456 one-pound bottles, Binghamton, N. Y.; 478 one-pound bottles, Savannah, Ga.; 450 one-pound bottles, Binghamton, N. Y.

Pine Tar Oil, 1,050 one-gallon cans, Binghamton, N. Y.

Pine Tar, Commercial, 633 one-gallon cans, San Francisco, Calif.

Chenopodium Oil, 750 100-capsule boxes, Binghamton, N. Y.

Washington Talks It Over

Observations • Prognostications • Developments

By OPD Observer

It hasn't been generally realized—and the effect probably will not be felt by the man on the street—but a rather important reorganization has just taken place in the policy-making level of the government—and James F. Byrnes is now the man on top. His assumption of this post was signaled last weekend by his direction to the selective service that registrants in the upper-age brackets either be made to get into war industries or get in the army and fight.

Mr. Byrnes, whose principal job since leaving the supreme court has been to settle the squabbles of the bureaucrats and point up the many problems of the reconversion program, from now on will be the one to dictate policies on production, manpower, and the economic phases of the war, as well as on reconversion. He is shunting the dispute-settling functions of his office to the background.

Until recently Mr. Byrnes's office has been a one-man staff. Now it is being enlarged, at the direction of the President, to cover each of four major phases of getting production from the assembly line to the front line. Gen. Lucius D. Clay, formerly procurement chief of the Army Service Forces, has been named by Mr. Byrnes as his deputy director for war programs and general administration; William Haber, as director of manpower; and J. B. Hutson, as director of agriculture. The fourth is a planning unit, the head of which has not yet been named.

Hemp from Central America

Reports from Central America to the Inter-American Affairs Office indicate that the war-borne abaca industry has been firmly established on a permanent basis and that that area will be able to supply the United States next year with at least 50 percent of the hemp formerly imported from the Philippines.

Abaca, also known as Manila hemp, has been expanded in production from a small experimental project of the United Fruit Company to a total of 28,600 acres in Panama, Costa Rica, Honduras, and Guatemala. Yields per acre are running 1,000 pounds higher than the yield in the Philippines, and the four Central American countries expect to provide the United States with about 80,000,000 pounds of line fiber next year.

Development of machines for stripping the stalks and for fast drying has materially reduced labor costs to the point where the planners predict that the industry will remain as a permanent competitor of Philippine producers.

Flaxseed Improvement

The quest of the Department of Agriculture for better strains of food and fiber crops has resulted in development of three new rust-resistant varieties of flax. They are the "Arrow," "Koto," and "Renew." Sufficient seed has been accumulated to plant about 75,000 acres next year.

These rust-resistant varieties are high yielders. They average about 2 bushels more to the acre than "Bison," which has been the standard commercial variety, with the experimental yields of the old and the new running about 16 bushels and 18 bushels respectively. Still better, the new ones are high in oil that has good drying qualities.

Farmers are being asked to plant about 5,000,000 acres to flax in 1945 to overcome the linseed oil shortage.

Pay Boost for Congress

There is a move on foot in Congress for an increase in the salaries of its members, the President, and his cabinet, the Vice-President, and members of the supreme court. The congressmen are complaining that the high cost of living—and getting elected—is putting too great a strain on the pocketbook and they are having trouble maintaining the dignity of the office.

The complaint isn't as farfetched as it might seem. Members receive an annual salary of $10,000 on which they pay a tax of about $2,500, leaving them with $7,500. In spite of what has been and can be said about Congress, the job is a pretty responsible one after all and should be filled by men respected for their abilities and brains. Few such men can be got when it means sacrificing their business future and abandonment of the natural desire to earn enough to put aside a sum to take care of their families when they die.

Representative Carl Vinson of Georgia has introduced a bill to raise the salaries of congressmen to $15,000 a year, the salary of the President to $100,000, and $20,000 for the Vice-President and members of the cabinet. He figures it would cost about $3,000,000 a year or 2.3 cents per person, which is pretty cheap if it would mean a better grade of congressmen.

Spending Spree Feared

A campaign to get the public to hold on to its war bonds after the war rather than cash them in for spending too quickly for consumer goods is under consideration by the government. Officials are said to be disturbed over indications that, as soon as victory is established, there is going to be a rush to cash in the bonds to buy the things the people have been forced to do without these several years.

Marriner S. Eccles, chairman of the board of governors of the Federal Reserve System, is particularly concerned over the situation. He is warning that, if this huge volume of savings is poured into the market too rapidly, inflation and dangerous overexpansion of industry will result, which, after a brief period, will certainly be followed by plant shutdowns, business failures, and unemployment.

It can be expected that considerable publicity will be given to arguments along this line pretty soon. Officials fear that some firms have gone too far for the good of the country as a whole in their advertising of the postwar market.

Tax Cuts Doubtful

Prospects of any reductions in taxes in the next general writing of a tax bill, expected next year, are much dimmer than they were six months ago. Probabilities are that, if any reductions are made in the rates, they will be only slight, and even these might be offset by elimination of some deductions which are now allowed.

While tax experts at the capitol and in the treasury are continuing their studies of simplification of the law, the idea is becoming more convincing daily that the war against Japan will be more costly in terms of money expended than was previously thought. Fiscal experts want to limit the increase in the public debt above the $300,000,000,000 mark as much as possible by having a greater portion of the war expenditures paid out of tax receipts.

The President is scheduled to send the budget estimates for fiscal year 1946 to Congress during the first week of January. Even assuming that the European phase of the war will be over before the close of the current fiscal year, the expectations are that the President will ask for around $80,000,000,000 for the new fiscal year, of which $70,000,000,000 will be needed in the war against Japan.

Nicotine Outlook

As long as the present narrow differential of prices remains in effect between the low grades and better grades of leaf tobacco, there appears to be little likelihood of any improvement showing up in the nicotine supply situation. But, this doesn't mean that nicotine will have to go under allocation.

The nicotine producers' present system of distribution by having stocks on hand in areas where needed is believed by WPB officials to be better than any program that could be devised by allocations. There are only a limited number of manufacturers and

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DSC Surplus Chemicals Offered

Defense Supplies Corporation has the following described surplus chemicals which are available for immediate sale, f.o.b. cars or trucks present storage points. Offers should be submitted in writing to Defense Supplies Corporation, 811 Vermont avenue, N.W., Washington, D. C. This corporation reserves the right to withdraw all or any part of items listed or to reject any offer in whole or in part.

1-Amino-2-Napthol-4-Sulphonic, 300 25-gram bottles, Denver, Colo.

Alizarin Red S, 204 vials 10-gram vials, Schenectady, N. Y.; 3,774 vials 10-gram vials, Louisville, Ky.

Aluminum Oxide, 700 pounds, Edgewood Arsenal, Md.

Amidol (photographic), 8,747 pounds, New York, N. Y.

Ammonium Acetate, 248 pounds, Savannah, Ga.; 3,375 pounds, Louisville, Ky.

Ammonium Bifluoride, 60 pounds, Albany, N. Y.

Ammonium Bromide, 500 pounds, Binghamton, N. Y.; 692 pounds, Schenectady, N. Y.

Ammonium Carbonate, 4,608 ounces, Benicia, Calif.; 5,792 ounces, Metuchen, N. J.

Ammonium Chloride, 10,725 pounds, Edgewood Arsenal, Md.; 804 pounds, Edgewood Arsenal, Md.

Ammonium Persulphate, 6,240 ounces, Benicia, Calif.; 377 15-ounce bottles, Benicia, Calif.

Anilin, 125 pounds, Savannah, Ga.

Anneal Salt, 14,800 pounds, Detroit, Mich.

Anhydrous Ammonia, 12,750 pounds, Dugway Proving Ground, 40 miles S. W. of St. John, Utah.

Antimony Trisulphide, 180 pounds, Edgewood Arsenal, Md.; 400 pounds, Edgewood Arsenal, Md.

Arsenic, Anhydride, 150 pounds, Savannah, Ga.

Azocarmine B, 623 10-gram vials, Schenectady, N. Y.

Baking Soda, 1,650 pounds, Detroit, Mich.

Barium Carbonate, 250 pounds, Atlanta, Ga.; 98 pounds, Schenectady, N. Y.; 164 pounds, Edgewood Arsenal, Md.

Barium Chloride, 225 pounds, Savannah, Ga.; 500 pounds, Binghamton, N. Y.

Barium Chromate, 500 pounds, Edgewood Arsenal, Md.

Barium Hydroxide, 74 pounds, Savannah, Ga.

Baroid "O," 1,473,000 pounds, San Bernardino, Calif.

Benzidin, 200 ounces, Schenectady, N. Y.; 200 ounces, Atlanta, Ga.; 700 ounces, Savannah, Ga.

Benzidene, 1,019 ounces, Binghamton, N. Y.

Benzedine, 7,900 ounces, Louisville, Ky.

Binder, Core, Oiless, 60,477 pounds, Bremerton, Wash.

Bismarck Brown Y, 1,300 10-gram vials, San Francisco, Calif.; 800 10-gram vials, Binghamton, N. Y.

Bleach, 9,500 pounds, Ft. Williams, Maine.

Bleach, Grade A, 6,720 pounds, Oakland, Calif.

Bleach, Grade B, 125,700 pounds, Edgewood Arsenal, Md.; 42,120 pounds, New Cumberland ASF Depot, Pa.; 206,800 pounds, New Cumberland ASF Depot, Pa.

Bleach, Grade C, 59,100 pounds, Seattle, Wash.

Bleach, Grade C, 117,000 pounds, Tracy, Calif.

Bleach, Grade C, 125,900 pounds, New Cumberland ASF Depot, Pa.; 1,576,900 pounds, Huntsville, Ala.; 143,100 pounds, Tracy, Calif.

Bleach, Grade 1, 184,420 pounds, Atlanta ASF Depot, Ga.

Bleach, Grade 2, 1,316,200 pounds, Atlanta ASF Depot, Ga.; 483,750 pounds, Memphis, Tenn.; 219,520 pounds, Memphis, Tenn.

Bleach, Grade 2, 440,980 pounds, Huntsville, Ala.

Blue Toner, 210 pounds, New York, N. Y.

Brilliant Green, 1,000 10-gram vials, Binghamton, N. Y.; 800 10-gram vials, Schenectady, N. Y.; 9,000 10-gram vials, Louisville, Ky.

Bromine, CP, 856 pounds, Edgewood Arsenal. Md.

Butyric Acid, 1,720 pounds, Memphis, Tenn.; 3,179 pounds, Ogden, Utah; 3,870 pounds, Atlanta, Ga.; 1,107 pounds, Edgewood Arsenal, Md.; 2,160 pounds, San Antonio, Tex.; 28 pounds, San Antonio, Tex.

Calcium Carbide, 38,900 pounds, Smolen, Kans.; 18,100 pounds, Smolen, Kans.; 4,000 pounds, Smolen, Kans.; 300 pounds, Smolen, Kans.; 2,100 pounds, Metuchen, N. J.

Calcium Carbonate, 33,950 pounds, Edgewood Arsenal, Md.; 180 pounds, St. Louis, Mo.

Calcium Cyanide, 260 pounds, Atlanta, Ga.; 125 pounds, Schenectady, N. Y.

Calcium, Lime, 25 tons, Huntsville Arsenal, Ala.

Calcium Silicide, 12,280 pounds, Edgewood Arsenal, Md.

Can Sealing Compound, 119 pounds, Hanford, Calif.

Carbide, 3 drums, Jerome, Ark.

Carbon Disulphide, 1,000 pounds, Savannah, Ga.

Carbon, Lavite, 1,000 pounds, St. Louis, Mo.

Carbon Removal Compound, 599 5-gallon cans, Memphis, Tenn.

Carbon Removal Compound, 11,978 gallons, Memphis, Tenn.

Caulking Compound, 1,020 pounds, Marietta, Ohio.

Cement, Adhesive, 60,100 gallons, Hingham, Mass.; 1,115 gallons, Bremerton, Wash.

Charcoal, 18,449 pounds, 117,041 pounds, Hanford, Calif.; 903,048 pounds, Chicago, Ill.; 24,780 pounds, Clarksville, Tenn.; 28,173 pounds, Huntsville, Ala.; 1,599,395 pounds, Edgewood Arsenal, Md.; 387,825 pounds, Lawrence, Mass.; 166,308 pounds. Fostoria, Ohio: 166,964 pounds. Columbus. Ohio: 109,659 pounds, Akron. Ohio: 71,022 pounds, Zanesville, Ohio.

Cement, Adhesive and Sealing, 10,720 gallons, Bremerton, Wash.

Cobalt Oxide, CP, 25 pounds, Edgewood Arsenal, Md.

Copper Arsenate, 428 ounces, Edgewood Arsenal, Md.

Crankcase Oil, 6,000 gallons, Raritan Arsenal, Metuchen, N. J.

Creosote, 195 pounds, Orangeburg, N. Y.

Cuprodine, 55 gallons, Detroit, Mich.

Cuprotella, nine barrels, Boston, Mass.

Dinitrobenzene, 31½ pounds, Edgewood Arsenal, Md.

Dinitronapthalene, 250 pounds, Edgewood Arsenal, Md.

Dinitrophenol, 290 pounds, Edgewood Arsenal, Md.

Dinitrotoluene, 174 pounds, Edgewood Arsenal, Md.

Disinfectant, 275 gallons, Camp Crowder, Mo.

Drawing Compound, 25,200 pounds, 824 pounds, 4,944 pounds, 2,472 pounds, 11,482 pounds, 657 gallons, 4,212 gallons, 13,204 pounds, 3.514 pounds, 4,500 pounds, 453 pounds, Detroit, Mich.

Dye, 500 pounds, cotton, dark blue, Hereford, Texas; 400 pounds, wool, dark blue, Camp Bowie, Tex.; 990 pounds; dark blue cotton and 1,000 pounds, dark blue wool, San Luis Obispo, Calif.; 3,896 pounds, blue-indigo, Huntsville, Ala.; 875 pounds, dark blue wool and 450 pounds, dark blue cotton, Ft. F. E. Warren, Wyo.; 1,500 pounds, cotton, dark blue, Camp Gruber, Okla.; 650 pounds, cotton blue, Ft. Riley, Kans.; 1,000 pounds, cotton, dark blue and 1,000 pounds, cotton dark blue, Camp Silbert, Ala.; 1,450 pounds, cotton dark blue, and 1,200 pounds, wool, dark blue, Camp Swift. Tex.; 1,220 pounds, cotton, dark blue, Wichita Falls, Tex.; 100 pounds, wool, dark blue, 100 pounds, cotton, dark blue, Tyler, Tex.; 476 pounds, cotton dark blue, Paris, Tex.; 500 pounds, cotton dark blue, 300 pounds, recolor, cotton, dark blue, Ft. Worth, Tex.; 333 pounds, dark blue, San Francisco, Calif.; 100 pounds, wool, dark blue, Oklahoma City, Okla.; 50 pounds, cotton, dark blue, Oklahoma City, Okla.; 1,330 pounds, Camp Blanding, Fla.; 3,097 pounds, smoke colored, orange, New York, N. Y.; 310 pounds, black, Edgewood, Arsenal, Md.

Ethylene Bromide, 4,000 grams, Edgewood Arsenal. Md.

Fast Green, 393 10-gram vials, Schenectady, N. Y.; 200 10-gram vials, Atlanta, Ga.

Ferric Chloride, 750 pounds, Savannah, Ga.

Ferric Nitrate, CP, 5,815 pounds, Edgewood Arsenal, Md.

Formaldehyde, 341 gallons, Edgewood Arsenal, Md.; 500 pounds, Savannah, Ga.

Glue, 55 gallons, Orchard Grove, Ill.

Hematoxylin, Light, 99,000 capsules, Louisville, Ky.

Hydrobromic Acid, 200 pounds, Denver, Colo.; 63 pounds, Binghamton. N. Y.; 50 pounds, Savannah, Ga.; 125 pounds, San Francisco, Calif.

Hydrochloric Acid, 4,500 pounds, Denver, Colo.; 6,000 pounds, San Francisco, Calif.; 3,012 pounds, Binghamton, N. Y.; 3,000 pounds, Schenectady, N. Y.; 13,000 pounds, Savannah, Ga.

Hydrogen Peroxide, 9,225 pounds, Louisville, Ky.

Indigo Blue, 45 pounds, Edgewood Arsenal, Md.

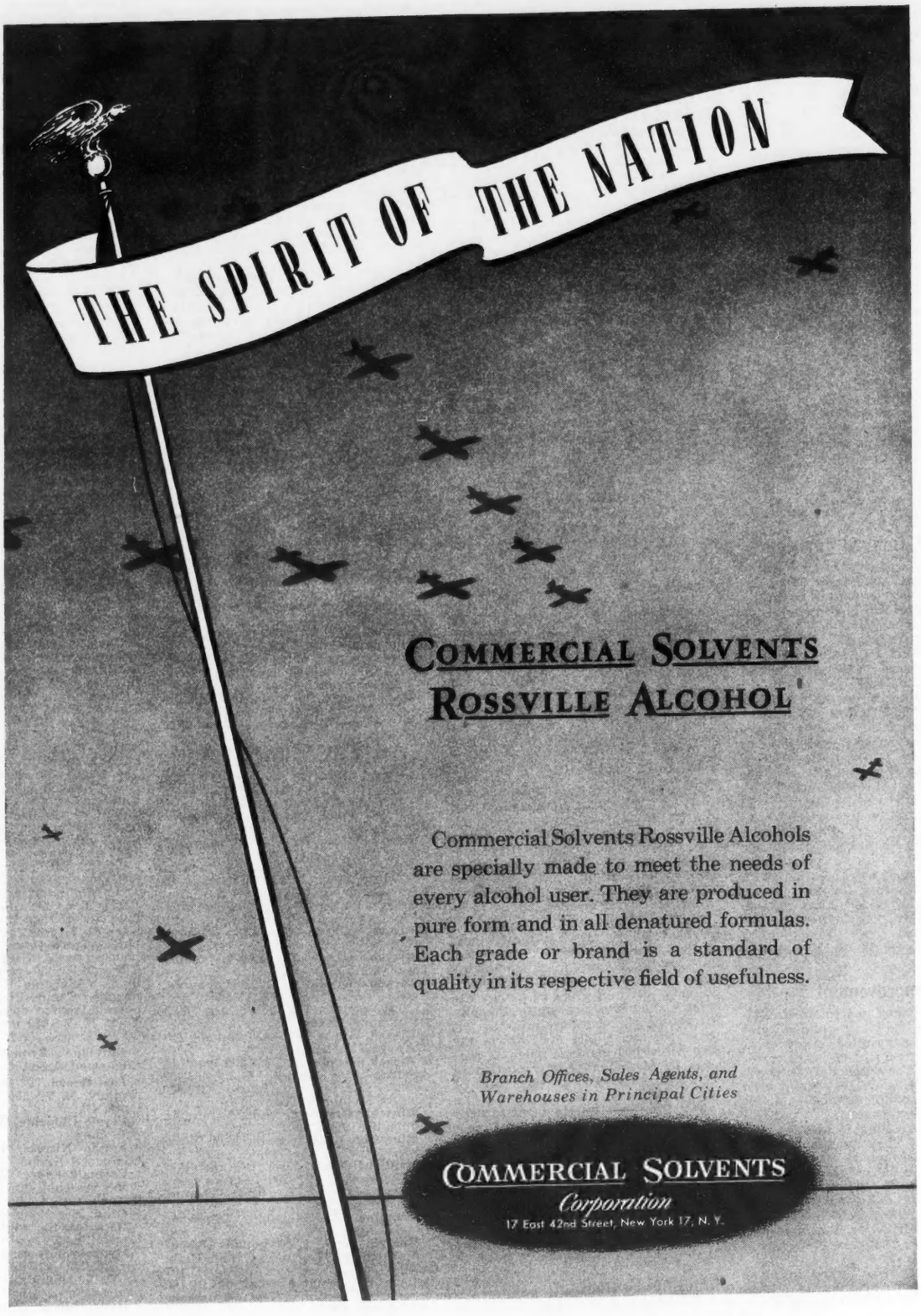
Insulating Compound, 25 pounds, Orchard Grove, Ill.; 6,100 gallons, Portsmouth, Va.

Iron, by reduction with hydrogen, 1,700 pounds, Edgewood Arsenal, Md.

Isobutyl Methracrylate, 2,000 pounds, Edgewood Arsenal, Md.

Lead Nitrate, 2,400 pounds, Edgewood Arsenal, Md.

—Continued on page 40


THE SPIRIT OF THE NATION
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Surplus Drugs Tested Before Sale

OPD Washington Bureau

Drug manufacturers and dealers who may purchase any of the surplus drugs of the military being turned over to the Treasury Department Procurement Division for disposal need have no fears that they may be left with unmarketable products on their hands by reason of the failure of these products to meet the requirements of the food, drugs, and cosmetics act as to standards of quality or potency, it was learned December 14.

By agreement between the Food and Drug Administration, the army and the procurement division, FDA is making tests of all the drugs declared surplus by the military and unless they meet the purity requirements of the law they are to be destroyed or otherwise prevented from reaching consumer hands in that form.

In cases where the drugs can be reprocessed for the recovery of usable ingredients they will be released for disposal to the manufacturers or distributors for that purpose. Where the labeling on the products does not conform to the requirements of the law, the purchasers will be required to correct this situation before making sales to the public.

Officials said that the policy of pretesting the surpluses was agreed upon recently and is now in operation. It was adopted both for the protection of the consumer and the protection of the manufacturer or distributor who otherwise might have faced seizure of the products after they entered interstate commerce because they ran afoul of the law.

Citro Chemical Gets Citric Acid Sales Rule

The Office of Price Administration has ruled that sales of citric acid by Citro Chemical Company of America, Maywood, N. J., to the Emerson Drug Company, Baltimore, Md., shall be exempt from price control for so long as the Emerson Drug Company agrees to absorb any increased costs to it resulting from such exemption and that it will not increase its prices nor apply for any increase in its maximum prices for sales of any of the products or services, wholly or in part by reason of such increased costs of citric acid, nor use costs of citric acid above computation of maximum prices of any commodity or service under any applicable regulation.

Sugar Allotments Hold for Drugs

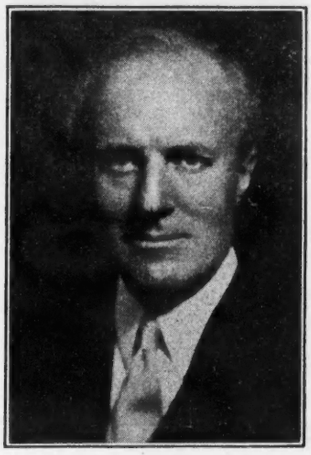
OPD Washington Bureau

Sugar allotments to producers of pharmaceuticals will remain unchanged at 125 percent of their 1941 use during the first quarter of 1945 in spite of the reduced inventories of sugar expected for next year. This was announced December 15 by the Office of Price Administration.

With the exception of pharmaceuticals, and bread, bakery, and cereal products, all other sugar allotments to industrial users are being reduced in the coming first quarter.

Pharmaceutical Manufacturers Hear Research Reviews

Social progress must keep step with the developments of technology, and only through proper and adequate research is this possible—this was the point made by Dr. Alan Gregg, of the Rockefeller Foundation, in discussing the essentiality of fundamental research in social progress at the scientific award session of the midwinter meeting of the American Pharmaceutical Manufacturers Association, December 11 and 12, in New York. The physics, chemistry, mathematics, and psychology of today become, he said, the physiology and sociology of tomorrow and the therapy and social progress of the day afterward. Because of this, he found it distressing that there was not, as he saw it, "a single department of pharmacology in the medical schools of North America adequately staffed and equipped in point of organic chemists, biophysicis's, pharmacologists, and clinicians" He called for a better general understanding of the nature and value of research.



Charles Wesley Dunn
Scientific Session Chairman

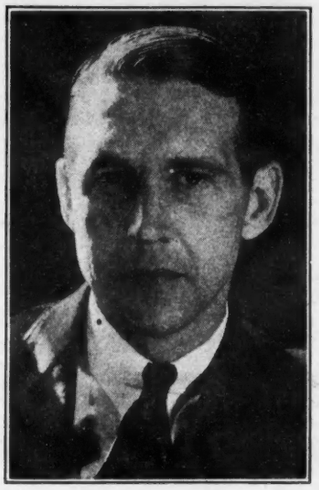
Recognition by industry of the value of research was welcomed by Ross G. Harrison, chairman of the National Research Council, in accepting the A.P.M.A. scientific award for his organization. In its newer aspect of independent research foundations, such as the Nutrition Foundation, this promises particularly able consideration of beneficial research. There is a concomitant need for support for teaching institutions through whose functioning the research staffs must be provided. Governmental support also is necessary here, but as grants for independent work, not in any gigantic program of direction and supervision.

The scope of the functioning of the National Research Council was briefly related by Frank B. Jewett, president of the National Academy of Sciences, of which the council is a permanent agency.

Medical Progress

The results of research in the advancement of medicine were reviewed by the heads of several N.R.C. boards and committees. One aspect was the progress in anesthesiology, covered by Dr. John S. Lundy, of the Mayo Clinic. The necessity of substituting metycaine for procaine in connection with sulphonamide treatment because of the inhibitive action of para-aminobenzoic acid was explained. The study of the use of penicillin and other antibacterial agents in solutions of local anesthetics was reported, the purpose being freedom from infection in the technic of injecting. Use of small doses of anesthetics in various diagnostic processes was presented by Dr. Lundy, who had a well-founded belief that anesthesiology would be found widely beneficial in connection with the treatment of many painful afflictions.

The influence of the sulfa drugs and penicillin and other new agents in the conquest of bacteria was interestingly covered by Dr. Chester S. Keefer, of the Boston University School of Medicine. Progress in that direction has been remarkable, a fact made clear by the speaker's review of progress with respect to pneumonia, hemolytic streptococcic infections, meningococcus meningitis, dysentry, and venereal diseases. It was Dr. Keefer's belief that further progress could be looked for, extending even into the fields of viruses, tubercle bacilli, and other pathogenic agents now resistant to preventive and remedial treatment.



Gerald F. Rorer
General Presiding Officer

The roles of the several components of blood as therapeutic agents were explained by Dr. Edward J. Cohn, of the department of physical chemistry at Harvard Medical School. The individual and composite values of whole blood, plasma, albumin, and the gamma globulins were explained. The fractionating processing of plasma was outlined and its results were related with respect to isohemagglutinins, alphaglobulin, betaglobulin, and the subfractionated fibrinogen, thrombin, and the use of fibrin products. The several therapeutic uses of these derivatives have been definitely determind in an encouraging degree. Dr. Cohn concluded:—

Starting with the assumption, which must for the present remain an assumption, that every part of human blood performs an important natural function, we must continue, as we have begun, to make available as many as possible of its diverse cellular, protein and lipid components, separated and concentrated as specific therapeutic agents, of value in different conditions, in the interests of the most effective and economical use by a society of the blood which it contributes.

Remarkably indicative of the role of increasing importance which is being won by nutrition in the realm of health was the discussion by Dr. William C. Rose, professor of biochemistry at the University of Illinois, of the progress in the conquest of malnutrition by amino acids. The values of the various amino acids were presented in tabulated comparisons by means of lantern slides. It was shown

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Surplus Sales Procedure Assailed

OPD Washington Bureau

Failure of the Procurement Division of the Treasury Department to dispose of surplus goods with greater dispatch, establish cordial and efficient trade relations with the regular trade, and the soundness of its policy of going outside regular trade channels to get higher prices for its surplus merchandise was criticized by an investigating staff of the senate small business committee in a report made public December 12.

The report said that the general policies announced by the division appear in the main to be sound insofar as they are in accord with congressional thinking, but the manner in which these policies have been carried out by the division is a matter of concern. What is most disturbing, the report added, is the absence of a general participation by the commercial community of the country in the purchase of surplus consumer goods, and blamed this in part on insufficient advertising of its proposed sales.

As previously announced by E. L. Olrich, who resigned recently as head of the division in charge of disposal, a major policy of his office was to sell through regular trade channels, except in those instances when nonregular channels will pay a higher price for the merchandise. The policy with respect to the level of trade to approach is to sell to that level (manufacturer, wholesaler or retailer) or combination of levels which will result in (1) most equita-

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WFA Setup to Be Revised January 1

The War Food Administration setup has been revised with the following changes scheduled to take effect January 1:—

(1) The Office of Distribution and the Office of Production are abolished and three new offices are established, each to be headed by a director—the Office of Basic Commodities, the Office of Marketing Services, and the Office of Supply.

(2) The functions, funds, personnel, and property of the Office of Production dealing with feed management and crop production are transferred to Agricultural Adjustment Agency, while its land conservation functions are transferred to the Soil Conservation Service.

(3) To the new Office of Marketing Services, until further notice to be headed by Lee Marshall, are transferred the functions, funds, personnel, and property of the Office of Distribution relating (a) to the regulatory, inspection, and service statutes; (b) to maximum price and rationing regulations; (c) to school lunch and direct distribution programs under Section 32; (d) to the compliance activities of the Compliance Branch; (3) to the contact work with food industries and other activities of the Industry Operations Branch; (f) to the activities of the Market Facilities Branch; (g) to the activities of the Marketing Reports Division; (h) to the civilian food requirements work of the Civilian Food Requirements Branch; (i) to the activities of the Nutrition Program Branch; (j) to the activities of the Distribution Planning Branch (except its price support and subsidy activities); and (k) to activities relating to the formulation, administration and enforcement of War Food Order programs (except those assigned to other WFA agencies).

(4) To the new Office of Supply, also until further notice to be headed by Lee Marshall, are transferred the functions,

—*Continued on page 66*

Hart Research Head For Upjohn Company

Frederick W. Heyl has resigned as vice-president and director of research, and member of the board of directors of the Upjohn Company, Kalamazoo, Mich.

Dr. Heyl asked to be relieved of the responsibilities and details involved in directing the activities of his department in order to have more time to spend at his Winter home in Florida, and also to carry out organic chemical research along lines in which he has a strong personal interest. Merrill C. Hart will succeed Dr. Heyl as member of the board of directors, and vice-president and director of research. Dr. Hart has for thirty years served as assistant to Dr. Heyl.

Medical Research Survey By Special Board Asked

OPD Washington Bureau

Establishment of special board representative of both medicine and the lay public to survey the whole field of medical research and its importance to the health services of the nation was urged December 14 by Dr. Lewis H. Weed, chairman of the division of medical sciences of the National Research Council.

Testifying before the senate subcommittee on wartime health and education, Dr. Weed stressed the need in the postwar period of federal support to stimulate medical research, but recommended that the survey be made as the first step in postwar programming health assistance.

He proposed that the board, with a membership of sixteen, be made an independent agency and given broad advisory functions. It should be the body to which congress and the executive branch would look "for advice and recommendations regarding medical research, medical education, hospitalization, medical practice, nursing, dentistry and public health," he said.

Dr. Weed said included on the membership of the board should be the surgeons-general of the Army, Navy, and Public Health Service. Six members should be from outside the medical and allied professions and might include one each from industry, labor, farming, education, volunteer health agency, and one woman representing the special interests of women and children, he stated.

LET US SHARE OUR TOMORROW

with those who have learned to share in the midst of war!

Acme Photo

IN SOME place of honor in your place of business, there is a Scroll of Honor. It bears the names of those who have left the production line for the front line.

Those boys have learned to fight and kill and die . . . but they have learned to share, too . . . to share even little things like a letter or a package from home with their buddies, or precious candy rations with half-starved natives.

Now it's up to us to see that we share with them the bright tomorrow they are earning for all of us today.

It's up to us to plan jobs now, *better* jobs, for those who come home.

God willing, may that day come soon.

★ ★ ★

This Message is Published by

MAGNUS, MABEE & REYNARD, INC.

IN THE INTEREST OF ALL WHO ARE FIGHTING TO MAKE PEACE ON EARTH A REALITY

Current Market Quotations Chemicals and Related Materials

December 15, 1944

Unless otherwise indicated, quotations are first-hands on large lots, f.o.b. New York. Price changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4.

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A

Acacia (see Gum, Arabic).
Acetaldehyde,[4,6] 99%, dms., 55 gals., works..lb. .11 - —
5 and 10 gls., works.....lb. .14 - —
Acetaldol (see Aldol).
Acetamide, CP, fib. dms., 5,000 lbs. a year, works..lb. .36 - —
smaller lots, works.....lb. .38 - .70
tech., fib., dms., 5,000 lbs. a year, works..lb. .28 - —
smaller lots, works.....lb. .30 - .50
Acetanilide, tech., cryst., bbls..lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls.....lb. .36 - .37
kgs.....lb. .37 - .39
powd., bbls.....lb. .34 - .35
kgs.....lb. .35 - .37
Acetic anhydride,[6] dms., c.l., frt. alld..lb. .11½- —
l.c.l., frt. alld.....lb. .13 - —
Acetoacetanilide, bbls., dms...lb. .49 - .67
Acetone, CP,[1,6] dms., c.l., dlvd. E.*..lb. .06 - —
l.c.l., dlvd. E.*.....lb. .06½- —
tanks, dlvd. E.*.....lb. .07 - —

* OPA ceiling for East; Western ceiling, ½c. per lb. higher.

Methyl (see M).
Acetonitrile, dms., c.l., works..lb. .60 - —
l.c.l., works.....lb. .75 - —
5-gal. lots, works.....lb. .80 - —
less than 5-gal. lots, works, lb. .90 - —
Acetophenetidin, USP, bbls., kgs., 1,000-lb. lots..lb. 1.00 - —
dms.....lb. 1.06 - 1.10
Acetophenone, cns., dms...lb. 1.55 - 1.60
Acetyl chloride, chys., works..lb. .60 - —
Acid, abietic, dms., c.l., wks...lb. .07½- —
Acetic,[1,6] com'l or redist., 28% bbls..100 lbs. 3.38 - 3.63
56%, bbls.....100 lbs. 5.58 - 5.83
70%, bbls.....100 lbs. 6.68 - 6.98
80%, bbls.....100 lbs. 7.47 - 7.73
99.5%, bbls.....100 lbs. 9.15 - 9.40
glacial, nat., c.p., dms., works..100 lbs.12.50 -13.25
99.5%, bbls.....100 lbs. 9.15 - 9.40
tanks.....100 lbs. 6.93 - 7.25
synth., tech., bbls., works, 100 lbs. 9.15 - 9.40
dms., works.....100 lbs. 9.25 - 9.75
tanks, works.....100 lbs. 6.93 - 7.25
USP, dms., works..100 lbs.10.50 -11.00
pure, 30%, bbls.....100 lbs. 4.41 - 4.69
36%, bbls.....100 lbs. 4.86 - 5.11
60%, bbls.....100 lbs. 7.60 - 7.85
80%, bbls.....100 lbs. 9.26 - 9.51
USP, 36%, chys.....lb. .08 - .10

Acetic acid price ranges above are for c.l. and l.c.l. quantities. Carboys and cases are 50c. per 100 lbs. higher.

Acetic, anhydride,[6] (see Acetic anhydride).
Acetylsalicylic,[1] special, USP, bbls., makers, primary distrib., point of shipm't, 100-lb. lots..lb. .45 - —
smaller lots, same basis..lb. .46 - .50
Standard USP, fine cryst., gran. (20-40 mesh), powd. (50 mesh), 200-lb. bbls., same basis..lb. .40 - —
smaller lots, same basis, lb. .40 - .54

Freight equal'd, shipment identical quantity over standard routes, from N. Y. City, Phila., Midland, Mich., Chicago and St. Louis.

Adipic,[6] fib. dms., works.....lb. .31 - —
Aminoacetic, USP (see Glycine).
Anthranilic, resub., bbls.....lb. 1.20 - 1.25
tech., bbls.....lb. .95 - —
Arsenous,[6] tech. (see Arsenic, White).
USP, powd., dms., kgs.....lb. .20 - .22
Ascorbic,[1] USP, dms., 500-kilo lots..kilo.24.50 - —
50-kilo lots.....kilo.25.00 - —
10-kilo lots.....kilo.25.35 - —
5-kilo lots.....kilo.25.70 - —
bots., kilo.....kilo.26.41 - —
500 gram.....kilo.27.47 - —
Battery, chys., c.l., E. works, 100 lbs. 1.60 - —
10-25, E. works.....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .42 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. up....lb. .54 - —
1,000 to 3,900 lbs. up....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. up.....lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Betaoxynaphthoic, bbls. works, lb. .95 - —
Boric,[2] tech., 99.5% cryst., (same as prices for powder), gran., bgs., c.l., frt. alld.. ton.99.00 - —
ton lots, ex whse..ton.111.00 - —
less than ton lots, ex whse..ton.116.00 - —
bbls., c.l., frt. alld..ton.109.00 - —
ton lots, ex whse..ton.121.00 - —
less than ton lots, ex whse..ton.126.00 - —
bulk, frt. alld.....ton.95.50 - —
powd., bgs., c.l., frt. alld., ton.104.00 - —
ton lots, ex whse..ton.116.00 - —
less than ton lots, ex whse..ton.121.00 - —
bbls., c.l., frt. alld...ton.114.00 - —
ton lots, ex whse..ton.126.00 - —
less than ton lots, ex whse..ton.131.00 - —

USP $25 per ton higher.

Butyric, 90%, dms., c.l., works, lb. .29 - —
l.c.l., same basis.....lb. .30 - —
Brocners, bbls.....lb. 1.11 - —
Cacodylic, 5-lb. bots.....lb.22.00 - —
Acid, camphoric, cns.....lb. 6.95 - 7.00
Capric, tech., ret. dms.....lb. .21½- .22
Caprylic, tech., ret. dms....lb. .27 - .27½
Castor oil,[5] split, ret. dms...lb. .20¾- .21¼
Chlorosulphonic, dms., c.l., wks., lb. .03 - —
l.c.l., works.....lb. .03½- .04½
tanks, works.....lb. .02½- —
Chromic,[6] 99½-99¾%, dms., c.l., lb. .16¼- —
l.c.l. .....lb. .16¾- .18¼
Cinnamic, refd, bots.....lb. 3.50 Nom.
Citric,[1,6] anhyd., gran., dms., c.l...lb. .22½- —
10,000 lbs., 1 ship't...lb. .23 - —
smaller lots.....lb. .23½- .26½
kgs.....lb. .24 - —
cryst., gran., bbls., c.l....lb. .20 - —
10,000 lbs., 1 ship't...lb. .20½- —
smaller lots, bbls.....lb. .21 - —
dms.....lb. .23 - .24
kgs.....lb. .21½- —
Powd. citric acid, ½c. higher.
Cleve's, bbls.....lb. .65 - —
Coconut oil,[1,5] dist., dms....lb. .15½- .17½
Corn oil, s.d., dms., c.l., works, lb. .12 - —
Cottonseed oil,[1,5] s.d., dms., c.l...lb. .12 - —
tanks, dlvd.....lb. .14¼- —
Cresylic,[2,6] dom. (coaltar), high-boil 50% (210°-215°), low boil 50% (204°-206°), and special blends, dms., c.l., works, frt. equald..gal. .81 - —
l.c.l., same basis...gal. .83 - —
tanks.....gal. .75 - —
(Petroleum), heavy grade (247°-298°), 20 dms., Cal. ref..gal. .490 - —
Sewaren, N. J., ref..gal. .616 - —
1-19 dms., Cal., ref...gal. .510 - —
Sewaren, N. J., ref...gal. .636 - —
tanks, dlvd.....gal. .586 - —
light grade (200°-246°), tanks, Cal. ref..gal. .600 - —
medium grade (220°-246°), 20 dms., Cal. ref..gal. .550 - —
Sewaren, N. J., ref..gal. .636 - —
1-19 dms., Cal. ref...gal. .570 - —
Sewaren, N. J., ref..gal. .696 - —
tanks, dlvd.....gal. .646 - —
Diethylbarbituric (see Barbital).
F (see Acid, Monosulphonic).
Formic, dom., 90%, chys., c.l., works..lb. .10½- —
l.c.l. .....lb. .11 - .11¼
Fumaric, tech., bbls., dms...lb. .27 - .31
Gallic, NF VII, bbls.....lb. 1.27 - 1.30
fib. dms.....lb. 1.32 - —
technical, bbls.....lb. 1.10 - 1.15
Gamma, bbls.....lb. .85 - —
Gluconic, bbls., 600 lbs.....lb. .12 - —
dmjn.....lb. .21 - .23
kgs., 100 lbs.....lb. .14 - .15
Glutamic hydrochloride, dms., lb. 2.00 - 2.40
Glycolic (see Hydroxyacetic).
H, bbls.....lb. .45 - —
Hydriodic, 48-47%, chys.....lb. 2.42 - 2.44
5-lb. bots.....lb. 2.57 - —
57% bots.....lb. 2.90 - —
Hydrobromic, conc., chys....lb. .35 - .37
dil., chys.....lb. .20 - —
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works....lb. .80 - 1.00
Hydrofluoric, anhyd.,[6] cyls., works..lb. .19 - .19½
tanks, works.....lb. .16 - —
30%, rubber dms., works...lb. .08 - .09
48%, rubber dms., works...lb. .12 - —
52%, rubber dms., works...lb. .12½- —
60%, rubber dms., works...lb. .13½- —
Hydrofluosilicic, 30-35%, bbls.lb. .08 - .09
Hydroxyacetic, 70% tech., bbls., non-return., Phila..lb. .084 - —
tanks, works, basic acid content..lb. .06½- —
Hypophosphorous, USP, djns., lb. .75 - .77
Lactic,[6] edible, 50%, chys., 20 or more..lb. .12½- —
5 to 19.....lb. .13 - —
1 to 4.....lb. .13½- —
80%, bbls., chys., 5 or more.. lb. .24¼- —
1 to 4.....lb. .24¾- —
plastic grade, 50%, bbls., chys., 20 or more..lb. .14½- —
5 to 10 chys.....lb. .14¾- —
1 to 4 chys.....lb. .15¼- —
80%, bbls., chys., 5 chys..lb. .26 - —
1 to 4 chys.....lb. .26½- —
tech., dark, 22%, bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.15 - —
chys., works.....100 lbs. 4.15 - —
44%, bbls., c.l., works.... 100 lbs. 6.30 - —
l.c.l., bbls., works..... 100 lbs. 6.55 - —
chys., works.....100 lbs. 7.55 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.90 - —
l.c.l., works.....100 lbs. 4.15 - —
chys., works.....100 lbs. 5.15 - —
44%, bbls., c.l., works.... 100 lbs. 7.30 - —
l.c.l., works.....100 lbs. 7.55 - —
chys., works.....100 lbs. 8.55 - —
USP XII, 85%, chys.....lb. .54 - .57
USP VIII, 75%, chys.....lb. .52 - .55
Lauric, dist., 95% dms.....lb. .28 - —
Laurent's, bbls.....lb. .45 - —
Linseed oil,[5] light, dms.....lb. .21½- .22
Maleic,[6] powd., dms.....lb. .30 - —
anhydride (see M).
Malic, powd., kgs.....lb. .47 - —
Mandelic, USP., dms., 1,000-lb. lots..lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.30
Mixed, tanks, nitric unit.....lb. .05 - .06
sulphuric, unit.....lb. .0065- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., 85%, bbls..lb. .17 - —
purified, bbls.....lb. .20 - —
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, chys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24 works..100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
Acid, muriatic, 20°, chys., c.l., E. works..100 lbs. 1.75 - —
tanks, E. works.....ton.22.00 - —
22°, chys., c.l., E. works.... 100 lbs. 2.25 - —
tanks, E. works.....ton.32.00 - —
CP, USP, consumers, chys..lb. .08 - —
6-lb. bots.....lb. .19 - —
dealers, chys.....lb. .06½- —
6-lb. bots.....lb. .17½- —
Myristic, dist., dms.....lb. No stocks
Naphthenic,[6] 210-220 acidity, dms., extra, works..lb. .10¾- —
tanks, works.....lb. .09 - —
230-245 acidity, dms. extra, works..lb. .12¾- —
tanks, c.l., works.....lb. .12 - —
Nicotinic,[6] USP, dms., 50-kilo lots up..kilo. 7.00 - —
10-kilo lots.....kilo. 7.10 - —
2½-kilo lots.....kilo. 7.20 - —
1-kilo lots.....kilo. 7.30 - —
Nicotinic amide (see Nicotinamide).
Nitric,[6] 36°, chys., c.l., E. works..100 lbs. 5.00 - —
l.c.l., 25, E. works.100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, chys., c.l., E. works.... 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
40°, chys., c.l., E. works.... 100 lbs. 6.00 - —
42°, chys., c.l., E. works.... 100 lbs. 6.50 - —
CP, USP, consumers, chys..lb. .13 - —
7-lb. bots.....lb. .23 - —
dealers, chys.....lb. .11½- —
7-lb. bots.....lb. .21½- —
Oleic (see Oil, red).
Oleum (see Acid, sulphuric, fuming).
Oxalic,[1] bbls., c.l., works....lb. .11¼- —
10,000 lbs.....lb. .11½- —
smaller lots.....lb. .12½- —
Palm oil,[5] white, dist., dms..lb. No stocks
tanks.....lb. No stocks
Para-aminobenzoic, cns.....lb. 1.40 - —
Paranitrobenzoic, cns.....lb. .72 - —
Paratoluidinmetasulphonic, bbls., f.o.b. works..lb. .80 - —
Peanut oil,[1] s.d., tanks, dlvd., lb. .11¼- —
Phenylacetic, bots.....lb. 1.85 - 3.00
Phosphoric,[6] pure food grade, 50%, bbls., c.l., works, frt. equald..100 lbs. 4.00 - 4.25
chys., works, frt. equald, 100 lbs. 4.35 - 4.60
l.c.l., 10 or more, works, frt. alld..100 lbs. 5.25 - 5.25
1 to 9 chys., works, frt. alld...100 lbs. 6.25 - 7.25
tankwagon, dlvd. N. Y., Phila., Met. area...100 lbs. 4.00 - —
75%, bbls., c.l., works, frt. equald..100 lbs. 4.75 - 5.00
chys., works, frt. equald, 100 lbs. 5.10 - 5.35
l.c.l., 10 or more, works, frt. alld..100 lbs. 7.00 - 8.50
1 to 9 chys., works, frt. alld...100 lbs. 8.00 - 9.50
tankcars, works, frt. equald..100 lbs. 4.00 - 4.25
tankwagon, dlvd. N. Y., Phila. Met. area...100 lbs. 4.75 - —
USP, 100-lb. chys., c.l.....lb. .10¼- —
10 chys. to c.l.....lb. .11¼- —
2 to 9 chys., works, frt. equald..lb. .12 - —
single chys.....lb. .13 - —
70-lb. chys.....lb. .10¼- —
25 chys. to c.l.....lb. .11¼- —
5 to 24 chys.....lb. .12 - —
1 to 4 chys.....lb. .13 - —
10% dilut., chys., djns....lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic,[1] synth., pure, 55-gal. dms., works..lb. .19½- —
tanks, works.....lb. .18½- —
Pyrogallic, tech., bbls.....lb. 1.45 - —
cns.....lb. 1.63 - —
USP, cryst., dms.....lb. 2.10 - 2.15
resub., dms.....lb. 2.60 - 2.65
Pyroligneous, bbls., dlvd. E..gal. .80 - —
Ricinoleic, com'l, split (see Acid, castor oil, split).
Salicylic,[1] tech., bbls., c.l....lb. .36 - —
100 lbs. to c.l.....lb .38 - —
smaller lots.....lb. .54 - .62
USP, bbls., c.l.....lb. .36 - —
100 lbs. to c.l.....lb. .38 - —
smaller lots.....lb. .50 - .54
Sebacic, tech., dms., works...lb. .55 - .57
Soybean oil,[1,5] s.d., dms....lb. .14½- .16¾
tanks, works.....lb. .11 - —
Stearic,[1,5] double-press, bgs..lb. .15¾- .16¾
single press, bgs.....lb. .15¾- .16¾
triple press, bgs.....lb. .18¾- .19¾
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works..lb. 1.00 - 1.63
tech., dms., works.....lb. .17 - —
Sulphuric,[6] 60°, chys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 up, works...100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, chys., c.l., E. works.... 100 lbs. 1.50 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
OP, USP, consumers, chys.lb. .06 - —
9-lb. bots.....lb. .17 - —
dealers, chys.....lb. .06½- —
9-lb. bots.....lb. .15½- —
fuming, 20%, tanks, E. works. ton.19.50 - —
Tannic, tech., bbls., dms....lb. .71 - .73
USP, fluffy, bbls., 1,000 lbs.lb. 1.33 - —
smaller lots.....lb. 1.35 - 1.38
powd., bbls., 1,000 lbs.....lb. 1.13 - —
smaller lots.....lb. 1.15 - —
Tartaric, USP, cryst. gran., powd., bbls., 10,000 lbs., 1 ship't..lb. .70½- —
smaller lots.....lb. .71 - —
kgs.....lb. .71¼- —
Thioglycollic, basis 100%, highly purified, bbls., chys..lb. 7.10 - 8.25
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic,[6] CP, 100-lb. pkgs..lb. 2.94 - 3.10
pure, 100-lb. pkgs.....lb. 2.86 - —
Aconite leaves, bls.....lb. 1.10 - 1.40
Root, bls.....lb. 1.10 - 1.15
Acetic hydride,[6] dms., c.l., frt. alld..lb. .11¼- —
l.c.l., frt. alld.....lb. .13 - —
Aconitine, amorph., bots.....oz.23.00 -28.00
15-gr. vials.....vial 1.00 - —
cryst., bots.....oz.42.00 -48.00
15-gr. vials.....vial 1.00 - —
Acrylonitrile,[6] dms., frt. alld..lb. .39½- —
5,000 lbs. or more, works..lb. .40 - —
1 ton to 4,999 lbs., works...lb. .40½- —
1 dm. to 1 ton, works.....lb. .41 - —
tankcars, frt. alld.....lb. .39 - —
Adeps lanae,[1] USP, anhyd., pharmaceutical, dms., l.c.l., works..lb. .30 - —
cosmetic, dms., l.c.l., works, lb. .31 - —

Adeps lanae prices for primary distributors f.o.b. St. Louis, lc. higher.

Agar.....lb. 3.50 - —
San Diego, Cal.....lb. 3.00 - —
Agaric, white, bls.....lb. 3.75 - 4.00
Albumen, blood, dark (see Blood, soluble).
light, dms., Chicago.....lb. .65 - .70
egg, edible,[1] powd., bbls.lb. 2.07 - 2.10
granular, cryst., bbls....lb. 2.02 - 2.05
tech., cryst., bbls.....lb. 1.40 - 1.55
Alcohol, allyl, dms., c.l., dlvd.lb. .29 - —
l.c.l., dlvd.....lb. .30 - —
Amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld. E. of Miss R...lb. .141 - —
l.c.l., frt. alld.....lb. .151 - —
tanks, frt. alld.....lb. .131 - —
Benzyl, cns.....lb. .65 - .75
dms.....lb. .62 - —
Butyl, normal,[1,6] ferment, Ill., Ind., prod., dms., frt. alld. .1980- —
l.c.l., frt. alld. E...lb. .2030- —
tanks, frt. alld. E....lb. .1880- —
other production, dms., c.l., frt. alld. E..lb. .1930- —
l.c.l., frt. alld. E....lb. .2000- —
tanks, frt. alld. E....lb. .1850- —
synthetic, dms., c.l., frt. alld. E..lb. .11¾- —
l.c.l., frt. alld. E....lb. .12¼- —
tanks, frt. alld. E.....lb. .10¾- —

* Normal butyl alcohol prices West, ½c. per lb. higher.

secondary,[6] dms., c.l., frt. paid E. of Miss..lb. .091 - —
l.c.l., same basis.....lb. .096 - —
tanks, same basis.....lb. .085 - —
tertiary, denat., dms., c.l..lb. .125 - —
l.c.l., dms.....lb. .13 - —
tanks.....lb. .11 - —
Capryl,[6] dms., c.l., works...lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, work.....s.lb. .16 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.80 - —
smaller lots.....lb. 1.90 - 2.00
Cinnamic, bots.....lb. 3.00 - —
Denatured,[1,3,6] CD14, dms., c.l., works, E..gal. .57 - —
19, dms., works, E.....gal. .59 - —
1 to 18 dms., works, E..gal. .62 - —
tanks, E. dlvd.....gal. .50 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., dms., c.l., E. works..gal. .57 - —
19, dms., E. works..gal. .59 - —
1 to 18 dms., E. works, gal. .62 - —
tanks, E. works.....gal. .60 - —

Anhydrous 3c. per gal. higher.

SD2B, dms., c.l., wks., E.gal. .55 - —
19 dms., works, E...gal. .59 - —
1 to 18 dms., works, E. gal. .60 - —
tanks, E. works.....gal. .48 - —
SD23G (replaced by SD25H).
SD23H, works, c.l., dms..gal. .56½- —
19 dms.....gal. .58½- —
1 to 18 dms.....gal. .61½- —
tanks, E. works.....gal. .49½- —
SD29, denatured, with acetaldehyde, dms., c.l., E. works. gal. .56½- —
19 dms. or more, E. works..gal. .60 - —
1 to 18 dms., E. works. gal. .63 - —
tanks, E. works.....gal. .49½- —

When any of the several SD29 denaturants is supplied by the purchaser, the prices are the same as those for SD2B, plus 1½c. per gal. denaturing charge.

Special solvent, dms., c.l., works, E..gal. .58 - —
19 dms. to c.l.....gal. .60 - —
1 to 18 dms.....gal. .63 - —
tanks, E. works.....gal. .51 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone,[2,6] acetone-free, dms., c.l., dlvd..lb. .11¼- .14¼
l.c.l., dlvd.....lb. .11¾- .15
tanks, dlvd.....lb. .10¾- .13¼
tech., dms., c.l., dlvd.....lb. .11 - .13½
l.c.l., dlvd.....lb. .11¼- .14
tanks, dlvd.....lb. .10 - .12½
Ethyl,[6] 190 pf., dms., c.l..gal.17.67 - —
19 dms.....gal.17.70¼- —
1 to 18 dms.....gal.17.73½- —
tanks.....gal.17.60 - —
absolute, dms., c.l.....gal.18.03 - —
19 dms.....gal.18.05½- —
1 to 18 dms.....gal.18.08¾- —
tanks.....gal.18.55 - —
Ethylhexyl, dms., c.l., wks..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., works.....lb. .22½- —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .20 - —
Isoamyl (see Carbinol isobutyl).
Isobutyl,[6] refd., dms., works.lb. .0860- —
tanks, works.....lb. .0760- —
Isopropyl,[3,6] refd., 91%, dms., 5 gals., dlvd..gal. .36½- —
55 gals., c.l., dlvd....gal. .39 - —
l.c.l., dlvd.....gal. .43½- —
tanks, frt. alld.....gal. .34 - —
99%, dms., 5 gals., dlvd.gal. .65 - —
55 gals., c.l., dlvd....gal. .44 - —
l.c.l., dlvd.....gal. .47 - —
tanks, frt. alld.....gal. .37½- —
Methyl (see Methanol).
Octyl (see Alcohol, ethylhexyl).
Phenylethyl, bots., cns.....lb. 2.10 - 2.50
Polyvinyl, type A, fiber-pack, Niagara Falls..lb. .65 - .70
type B, fiber-pack, same basis, lb. .60 - .65
Propyl, normal, dms., wks..gal. .67 - .70

Wartime Status of Materials

Applications of WPB and OPA regulations to materials listed in this section are indicated by superior figures as follows:—

[1]—Specific price ceiling
[2]—Price agreement (sellers with OPA)
[3]—General Limitation Order (L order)
[4]—General Preference Order (M order)
[5]—Conservation Order (M order)
[6]—Allocation

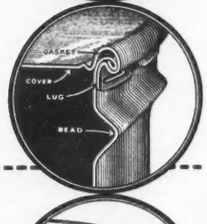
Alcohol, tetrahydrofurfuryl, dms., c.l., Waverly, N. Y..lb. .40 - —
l.c.l., same basis.....lb. .50 - —
cns., Cedar Rapids, Ia.....lb. .55 - —
Aldol,[6] dms., works.....lb. .13 - .15
denat., grd. dms.....gal. 1.20 - —
Aletris root, bgs.....lb. 2.40 - 2.50
Algin, bbls., fib. dms.....lb. .76 - 1.60
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. No stocks
Allspice,[1] Mexican, bgs.....lb. .17½- .18
Aloe, Cape, cs.....lb. .29 - .30
Curacao, kgs.....lb. .65 - .80
Socotrine, kgs.....lb. .55 - .60
Aloin, bbls., dms., kgs.....lb. 5.45 - 5.54
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Alphapicoline, ret. dms., works, frt. equald..lb. .28½- .28½
Alphapinene, dms., c.l., wks.gal. .65 - —
l.c.l., works.....gal. .87½- —
tanks, works.....gal. .82 - —
Alphaterpineol, dms., c.l., works.....lb. .1340- —
l.c.l.....lb. .1390- —
tanks.....lb. .1200- —
Alphatocopherol amp.....gram. 1.00 - 1.10
Althea root, N.F., peeled, bls..lb. .55 - .60
Alum, ammonia,[5] burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 4.00 - —
dlvd., N. Y., Phil..100 lbs. 4.00 - —
lump, bbls., works....100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
powd., bbls., works....100 lbs. 4.40 - —
dlvd., N. Y., Phil..100 lbs. 4.40 - —
Potash, gran., bbls., wks.100 lbs. 4.25 - —
dlvd., N. Y., Phil..100 lbs. 4.25 - —
lump, bbls., works....100 lbs. 4.50 - —
dlvd., N. Y., Phil..100 lbs. 4.50 - —
powd., bbls., works....100 lbs. 4.65 - —
dlvd., N. Y., Phil..100 lbs. 4.65 - —
Potash-chrome, bbls.....lb. .12½- .15
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00

Alumina, ground, classified, grade, kgs., works..lb. .35 - .67
top grade, ground, kgs., works.lb. .60 - .67
unclassified, ground, kgs., works..lb. .10½- .46
Acetate, basic solut., 24%, bbls., dlvd..lb. .10½- .11
solut., 20%, bbls., dlvd...lb. .09½- .10
Chloride, anhyd.,[6] com'l, bbls., c.l., works..lb. .08 - .08¼
l.c.l., works.....lb. .09 - .12
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- .06¾
solut., 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Fluoride, tech., bbls.....lb. .25 - —
Formate, solut., 12-20° Be, bbls., c.l., works..lb. .09½- —
l.c.l., works.....lb. .10 - —
Hydrate,[6] heavy, bgs., c.l., works..lb. .024 - .031
bbls., c.l., works.....lb. .027 - .034
l.c.l., works.....lb. .04 - —
light, bgs., dlvd.....lb. .14½- —
bbls., dlvd.....lb. .15 - —
Hydroxide, gel, tech., min. 15% AlO_3, dms., 10,000 lbs. or more, f.o.b. ship't point..lb. .03 - .03¼
ton lots, same basis...lb. .03 - .03¼
smaller lots, same basis, lb. .03¾- .04
USP purity, conc., 9-9½%, Al_2O_3, fib. dms., works, lb. .17¾- —
contract, works.....lb. .16¾- —
14-15% Al_2O_3, fib. dms., works.....lb. .20¾- —
contract, works.....lb. .19¾- —
Dried, USP XII, fib. dms., works..lb. .78 - —
contract, works.....lb. .75 - —
Powder, tech. (see Alumina sulfate)
USP IX, bbls., dms.....lb. .15 - .17
Laurate, prec. bbls.....lb. .25 - .26

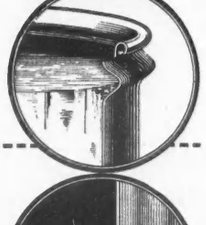
Alumina naphthenate, 1.7% Al, 50-gal. dms., works..lb. .18¾- —
Oleate, dms., contract.....lb. .24½- —
Resinate, precip., dms.....lb. .18½- —
Stearate, precip., bbls., c.l...lb. .23 - —
l.c.l.....lb. .24 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..
100 lbs. 1.15 - 1.25
l.c.l., works, frt. equald., 100 lbs. 1.40 - 1.50
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - 1.45
l.c.l., works, frt. equald. 100 lbs. 1.60 - 1.70
Iron-free, bgs., c.l., works... 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.10 - —
trihydrate, heavy bgs., wks.. lb. .024 - .035
Aluminum, 98-99% [2,3,4], c.l....lb. .15 - —
l.c.l.....lb. .15 - .16
Paste, lining, extra fine, 200-dm..lb. .56 - .69
ink, 150-lb. dm.....lb. .71 - —
standard, 200-lb. dm.....lb. .58 - —
Powder, lining, extra fine, 150-dm..lb. .93 - —
litho, 150-lb. dm.....lb. .57 - —
standard, 200-lb. dm.....lb. .59 - —
rubber comp., 200-lb. dm...lb. .40 - —
unpolished, stand., dms....lb. .36 - —
varnish, stand., 300-lb. dm.lb. .40 - —

Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. dm., 1½c. for 50-lb. dm., 3c. per lb. for 10-lb. can, and 5c. to 12c per lb for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,000 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier, transportation rate will be made from sellers' invoice on orders of 200 lbs. or over.

Ambergris gray, tins.....oz.13.50 - 14.00
Aminomethylpropanol, cns., dms., works..lb. .50 - .60
Aminopyrine, bots., dms.....lb. 4.00 - 4.40
Ammonia,[5] anhydrous, fertilizer, tankcars, works, frt. equald. ton.59.00 - —
refrigeration, tanks, wks..ton.69.00 - —
pure, cyls.....lb. .14½- —
Aqua, 26°, cbys.....lb. .06¾- —
dms., c.l.....lb. .02¾- —
l.c.l.....lb. .02½- —
tanks, works (NH_3 content). ton.65.00 - —
Benzoate, USP, dms., kgs., 4,000 lbs. up, frt. alld..lb. .43 - —
smaller lots, frt. alld...lb. .44 - .47
Bicarbonate, dms., c.l.....lb. .0564- —
Bichromate, bbls.....lb. .23 - .25
Bifluoride, bbls.....lb. .15 - .17
Borate, gran., bbls, kgs.....lb. .1080- —
powd., bbls., kgs.....lb. .1130- —
Bromide, NF, bbls.....lb. .31 - .35
dms.....lb. .32 - .36
Carbonate, lump, dms.....lb. .08½- .09¼
cns.....lb. .14¼- .17¼
powdered, lc. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls., dms., kgs.. lb. .13 - .15
Citrate, dibasic, bbls.....lb. .75 - —
Fluoride,[6] bbls.....lb. .18 - .20
Hydroxide (see Ammonia, aqua).
Hypophosphite, NF, dms...lb. 1.25 - 1.27
jars.....lb. 1.30 - 1.35
Iodide, NF, bots.....lb. 3.71 - —
jars.....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls..lb. .12 - —
Molybdate,[6] c.p., cryst., kgs.lb. 1.26 - 1.28
fine cryst., bbls., kgs.....lb. .84 - .87
purified, dms.....lb. 1.10 - 1.12
Nitrate,[1,5] fertilizer grade, Canadian, 32.5% nitrogen, bgs., same N unit price, delivered, as Ammonia sulphate.
domestic, bgs., c.l., shipping points..ton.50.00 - —
bulk, same basis.....ton.46.00 - —
tech, bgs., works.....100 lbs. 4.35 - 8.50
bbls., works.....100 lbs. 4.55 - —
Nitrate-Limestone, 20.5% N, bgs., Hopewell, Va...ton.32.50 - —
Oleate, dms.....lb. .14 - —
Oxalate, purif., gran., bbls., kgs..lb. .27 - .32
Perchlorate,[6] kgs.....lb. .55 - .65
Persulphate, kgs.....lb. .25½- .28½
Phosphate, dibasic, NF V, bbls., kgs..lb. .37 - .39
tech., bbls., c.l.....lb. .07½- —
l.c.l.....lb. .08 - .08¾
monobasic, pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l.....lb. .08 - .08¾
Salicylate, NF, dms., kgs...lb. 1.15 - 1.18
Silicofluoride,[6] bbls.....lb. .15 - .18
Stearate, anhydrous, dms....lb. .34 - —
paste, dms.....lb. .18½- —
Sulphamate, bbls., works...lb. .18 - .24
Sulphate,[1,5] dms., bulk, inland producing ovens..ton.28.20 - —
Atlantic coast ports...ton.29.20 - —
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., works..lb. .07½- —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, CP, bbls.....lb. .55 - —
jars.....lb. .97 - —
tech., bbls.....lb. .17 - .19
Thioglycollate, basis 100%, highly purified, bbls..lb. 7.10 - 8.25
Ammoniac gum (see Gum, ammoniac).
Sal, gray, bbls., c.l., works... 100 lbs. 5.80 - 5.75
l.c.l., same basis..100 lbs. 6.00 - 6.70
white, gran., bbls., c.l., works. 100 lbs. 4.45 - —
l.c.l., same basis..100 lbs. 5.15 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .12½- .16¼
l.c.l., dlvd.....lb. .13 - .19
tanks, dlvd.....lb. .11½- .17½
ex-pentane, dms., c.l., frt. alld. E. of Miss. R..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms.....lb. .75 - .90
Caproate, dms.....lb. 2.75 - —
Chloride, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
tanks, works.....lb. .06 - —
Ether, dms., c.l., works.....lb. .09½- —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .08½- —
Nitrite, USP, bots.....lb. 1.72 - 1.80
Mercaptan, dms., works.....lb. 1.10 - —
Oleate, dms., works.....lb. .31 - —
Salicylate, bots.....lb. .80 - 1.25
Stearate, dms., works.....lb. .42 - —
Amylene, dms., c.l., works....lb. .10½- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Amylnaphthalene, mixed, crude, dms., works..lb. .14 - —
refd., dms., works.....lb. .16 - —
Anethol, com'l, dms., works...lb. .657 - .662
NF, bots.....lb. 2.10 - 2.35
cans.....lb. 1.90 - 2.25
Angelica atropurpurea root, dms. lbs..lb. .80 - 1.35
Angostura bark, bls.....lb. .20 - .21
Anilin[6] oil, dms., c.l., works, frt. alld..lb. .11½- —
l.c.l., works, frt. alld...lb. .12½- —
tanks, works, frt. alld.....lb. .10½- —
Salt, dms., works.....lb. .22 - .24
Anise,[1] Cyprus, bgs.....lb. .29 - .30
Bulgarian, bgs.....lb. .29 - .29½
Mexican, recleaned, bgs....lb. .18 - .18½
Syrian, bgs.....lb. .20 - .21
Turkish, bgs.....lb. No stocks
Anisic aldehyde, bots.....lb. 2.90 - 3.00
Annatto,[6] paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .08½- —
Anthracene, 80-85%, bbls., works. lb. .55 - —
90%, bbls., works.....lb. .65 - —
Anthraquinone, 99.5%, bbls....lb. .70 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal,[1,4] bulk, c.l., works...lb. .14½- .17¼
Needle,[1] Bolivian, brown, 67%, cs..lb. .18½- —
Chinese, black, 70%, cs....lb. .20 - .32
Oxide,[1,6] ceramic grade, bgs., c.l..lb. .15 - —
l.c.l.....lb. .18½- —
paint grade, c.l.....lb. .16¾- —
l.c.l.....lb. .16¾- —
Salt,[1] 65%, bbls., dlvd. E. of Miss. River..lb. .40 - —
Sulphide,[1] 65-70%, bbls., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½- —
Antipyrine, bbls., kgs., ton....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz. 23.20 - 25.70
Apple Syrup,[1] bbls.....lb. .14 - .16
Archil extract, bbls.....lb. No stocks
Areca nuts, powd., bbls.....lb. .23 - .24
Arecoline hydrobromide, bots..oz. 6.10 - 7.10
port, 100 kilos, 100% purity.70.00 - 72.00
Argemone, min. 70%, bgs., Argentine lb. 2.35 - 2.45
Arnica flowers, bls.....lb. 2.35 - 2.45



Section through lug type closure that is liquid-proof, airtight and siftproof.


Protection bead on pails adds materially to its strength and utility.

Offset bottom, an important design feature of all Inland Steel Container pails permits containers to be stacked and rolled together.

Strength in the chime is a major factor in establishing the strength of the container. Inland Steel barrels, drums and pails have a chime formed by five thicknesses of steel joined together by the double-seaming method, producing an unusually strong joining of the head and body of the container — strong enough to stay leakproof under the rough handling encountered in shipping. At regular intervals in the manufacture of Inland Steel barrels, drums and pails, sections of these extra strength chimes are cut and tested to make certain they are being perfectly formed.

Emphasis on strength in the design and structural features of Inland Steel Containers have won the unqualified preference of America's manufacturers and shippers.

INLAND STEEL CONTAINER CO.

Container Specialists

6532 S. MENARD AVENUE, CHICAGO 38, ILLINOIS

PLANTS AT: CHICAGO • JERSEY CITY • NEW ORLEANS

Tartaric Acid

The acid of grapes is not under governmental allocation.

We can make prompt shipments to provide for your immediate needs.

We are accepting a limited number of contracts for 1945 requirements.

The most essential uses are being given first consideration–otherwise we are booking spot and forward business in the order received.

WILLIAM D. NEUBERG COMPANY

Chemicals

GRAYBAR BUILDING • 420 LEXINGTON AVE • NEW YORK 17, N. Y.
TELEPHONE LEXINGTON 2-3324

Arrowroot, powd., bgs., bbls..lb. .09½- .10
Arsenic,[6] metal, lump, c.l.....lb. No prices
Chloride (arsenous), bots....lb. 1.55 - —
Iodide (arsenous), 5-lb. bote.lb. 5.55 - —
jars .....lb. 5.43 - —
Sulphide, yellow, bbls.....lb. No stocks
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .04 - —
l.c.l. .....lb. .04½- —
Asafetida, cs.....lb. .45 - .55
powd., bbls., dms.....lb. .55 - .65
Asbestine (see Talk, N. Y. fibrous).
Asbestos fiber, 5D and 5K, bgs., c.l. (20 tons), Canad. mines.
ton.49.50 - —
5R, bgs., same basis.....ton.44.60 - —
6D, bgs., same basis.....ton.33.00 - —
7D, bgs., same basis.....ton.28.50 - —
7F, bgs., same basis.....ton.26.50 - —
7H, bgs., same basis.....ton.22.50 - —
7K, bgs., same basis.....ton.19.00 - —
7M, bgs., same basis.....ton.16.50 - —
7R, bgs., same basis.....ton.15.50 - —
Asphaltum, Manjak No. 10, crude, dms., works..lb. .05½- .12
process form, bgs., wks.lb. .05⅝- .13
jet, bgs., 2,000 lbs., gross weight Colo. mines.ton.30.50 - —
Barbados, Dunellen, N. J...lb. .10½- —
California, dms., c.l.....ton.36.40 - —
l.c.l. .....ton.41.40 - —
Cuban A, bulk, c.l., N. Y...ton.60.00 - —
l.c.l., same basis.....ton.90.00 - —
B, bulk, c.l., N. Y.....ton.38.50 - —
l.c.l., same basis.....ton.55.00 - —
Egyptian, substitutes, bgs., l.c.l., refinery N. J. or Ill..lb. .08 - —
Asphaltum, gilsonite, brilliant black, selects, 340° F. fusing point, bgs., mines. ton.32.90 - —
290-295° F. fusing point, bgs., mines..ton.30.50 - —
270° F. fusing point, bgs., mines..ton.30.50 - —

Asphaltum, gilsonite, seconds, 370-390° F. fusing point, not uniform, bgs., mines. ton.25.50 - —
360-330° F. fusing point, not uniform, bgs., mines. ton.25.50 - —
jet, bgs., ton lots, gross wght., Colo. mines..ton.30.50 - —
Mexican, ref'd., dms., c.l., Texas refy..ton.21.00 - —
l.c.l., same basis.....ton.21.00 -23.00
tanks, same basis.....ton.16.00 - —
Atropine, bots.....oz. 7.85 - —
Sulphate, bots.....oz. 5.90 - 6.00

B

Balm of Gilead buds, bgs.....lb. 1.05 - 1.15
Barbasco root,[2,6] (see Cube root).
Barberry, root bark, bgs.....lb. .90 - .95
Barbital, dms.....lb. 3.50 - 3.60
sodium, dms.....lb. 3.75 - —
Barium[6] carbonate, natural, 99% thru 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l., works..ton.60.00 -70.00
l.c.l., works.....ton.65.00 -75.00
bbls., c.l., works.....ton.65.00 -75.00
l.c.l., works.....ton.70.00 -80.00
Chlorate,[6] kgs.....lb. .26 - —
Chloride, CP, cryst., bbls.....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
Barium chloride, tech., cryst.,[6] bgs., c.l., works..ton.73.00 - —
l.c.l., same basis.....ton.78.00 - —
bbls., c.l., same basis..ton.75.00 - —
l.c.l., same basis....ton.80.00 - —
Dioxide, dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06 - .07
Iodide, bots.....lb. 4.62 - 4.82
Monoxide (see Oxide).

Barium nitrate, bbls., c.l., works. lb. .09½- .11
l.c.l., works.....lb. .10 - .11½
Oxide, dms., c.l., works.....lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide)
Silicofluoride, bbls.....lb. .17 - .19
Stearate, ctns., 1 ton up.....lb. .31 - —
smaller lots.....lb. .32 - —
Sulphate, tech. (see Barytes, and Blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs .....lb. .12 - —
Barytes, floated, bbls., c.l., St. Louis..ton.27.65 - —
l.c.l., same basis.....ton.28.65 - —
ex whse., N. Y.....ton.36.00 - —
paper bags, c.l., St. Louis.ton.25.35 - —
l.c.l., same basis.....ton.26.35 - —
ex whse., N. Y.....ton.34.00 — —
Southern, off-color, bgs., mines, ton.17.50 - —
95.75%, bgs., mines.....ton.18.00 - —
Ore, approx. 94% Ba SO_4, bulk, mines..ton. 8.50 - —
Bauxite, blk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Barberry bark, bgs.....lb. .12 - .13
Belladonna leaves, bls.....lb. .90 - .95
Root, bls.....lb. 1.50 - 1.55
Bentonite, 200 mesh, bgs., works. ton.11.00 - —
325 mesh, bgs., works.....ton.16.00 - —
Benzaldehyde,[6] NF, dms.....lb. .85 - 1.35
tech., cbys., dms.....lb. .45 - .55
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzocaine, cns.....lb. 3.20 - 3.55
Benzol,[6] (benzene), pure, nitration and 90% dms., works. gal. .20 - —
tankcars, E. of Omaha, frt. alld. up to 2c. per gal..gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .15 - —
Benzophenone, dms.....lb. 1.15 - 1.20

Benzoyl chloride, cbys.....lb. .26 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Oxide, dms., c.l., works.....lb. .08 - —
dms. .....lb. .55 Nom.
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., dms.lb. 1.00 - 1.10
Chloride, cbys., frt. equald..lb. .22 - .24
Cinnamate, cns.....lb. 5.15 - 5.50
Formate, cns.....lb. 3.00 - 3.50
Isoeugenol, bots.....lb. 9.50 - —
Propionate, bots.....lb. 1.85 - 2.50
Salicylate, bots.....lb. 1.90 - 2.15
Benzylidinacetone, bots.....lb. 2.00 - 2.20
Berberine bisulphate, cns.....lb. No stocks
Hydrochloride, bots.....lb. No stocks
Sulphate, cns.....lb. No stocks
Berberis root, bls.....lb. .28 - .30
Betanaphthol, resublimed, dms., works..lb. .55 - .60
tech., bbls., c.l., works....lb. .23 - —
l.c.l., works.....lb. .24 - —
Benzoate, fib. dms., works..lb. 1.75 - —
Salicylate, dms.....lb. 5.00 - —
Betanaphthylamine, tech., works. lb. .51 - —
Betapicoline, 90%, ret. dms., c.l., wks..lb. 1.60 - —
l.c.l., same basis.....lb. 1.85 - —
95%, same basis.....lb. 2.05 - —
98-99%, same basis.....lb. 2.20 - —
Beth root, bls.....lb. .43 - .44
Bismuth[6] chloride, bots.....lb. 3.00 - —
jars .....lb. 2.85 - —
Citrate, USP VIII, bots.....lb. 2.81 - 2.86
jars .....lb. 2.75 - —
Hydroxide, bots.....lb. 3.41 - 3.46
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., bots.....lb. 1.41 - 1.46
cns. .....lb. 1.30 - —
Oxychloride, bots.....lb. 3.14 - 3.19
cns., kgs.....lb. 3.10 - —
Subbenzoate, bots.....lb. 3.51 - —
fib. dms.....lb. 3.40 - —
Subcarbonate, USP, bbls., dms. lb. 1.50 - 1.53
bots., cns.....lb. 1.59 - 1.63
X-ray, 5-lb. bots.....lb. 2.70 - —
fib. dms.....lb. 2.73 - —
Subgallate, NF, bots., cns...lb. 1.49 - 1.53
fib. dms.....lb. 1.40 - 1.43
Subiodide, bots.....lb. 4.19 - 4.25
fib. dms.....lb. 4.13 - —
Subnitrate, USP, powd., bbls., dms..lb. 1.20 - 1.23
bots. .....lb. 1.29 - 1.33
Subsalicylate, USP, 62 - 66%, bbls., fib. dms..lb. 2.50 - —
bots., cns.....lb. 2.51 - 2.59
Sulphocarbolate, bots.....lb. 3.71 - 3.76
fib. dms.....lb. 3.65 - —
Bismuth-ammonia citrate, USP, powd., dms..lb. 3.40 - —
cns. .....lb. 3.45 - 3.50
Bisphenol-A, bgs., c.l., works..lb. .22 - —
l.c.l., works.....lb. .23 - —
Black, acetylene,[2] bgs., c.l., works..lb. .14 - —
l.c.l., same basis.....lb. .18 - —
Bone 1A, bgs., bbls., c.l., frt. alld E..lb. .17 - —
2, bgs., bbls., c.l., same basis. lb. .12 - —
3, bgs., bbls., c.l., same basis. lb. .11 - —
4, bgs., bbls., c.l., same basis. lb. .08½- —
400A, bgs., bbls., c.l., same basis..lb. .08½- —
457, bgs., bbls., c.l., same basis..lb. .11½- —
Bone black l.c.l. prices are ½c. higher than c.l. Pacific coast, ex dock, or whse., prices are 1½c. higher.
Carbon,[6] heads, compressed, bgs., c.l., works..lb. .03550- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .07½- —
regular, uncompressed, bgs., c.l., works..lb. .05625- —
bgs., ctns., l.c.l., dlvd. or whse..lb. .06 - —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, pure, bbls., l.c.l., works..lb. .08½- —
Lamp, 1, ctns., works.....lb. .08½- —
l.c.l., works.....lb. .09 - —
2, ctns., c.l., works.....lb. .10 - —
l.c.l., works.....lb. .11 - —
2A, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .13½- —
3, ctns., c.l., works.....lb. .14½- —
l.c.l., works.....lb. .15½- —
4, ctns., c.l., works.....lb. .16½- —
l.c.l., works.....lb. .17½- —
5, ctns., c.l., works.....lb. .20 - —
l.c.l., works.....lb. .26 - —
6, ctns., c.l., works.....lb. .26½- —
l.c.l., works.....lb. .27½- —
7, ctns., c.l., works.....lb. .37½- —
l.c.l., works.....lb. .38½- —
Mineral, vine type, bbls., l.c.l., works..lb. .04½- —
Vine A, bbls.....lb. .04½- .04
B, bbls.....lb. .05½- —
kegs .....lb. .06 - —
Black dyes (see Dyes).
Black haw root bark, bls.....lb. .90 - .95
Tree bark, bls.....lb. .40 - .50
Black Indian hemp root, bls..lb. .50 - .55
Blanc fixe, dry, by-product, bgs., c.l., works..ton.60.00 - —
l.c.l., works.....ton.67.50 - —
direct process, bgs., c.l., works. ton.70.00 - —
l.c.l., works.....ton.75.00 - —
bbls., c.l., works.....ton.75.00 - —
l.c.l., works.....ton.80.00 - —
pulp, 66⅔%, bbls., c.l., works. ton.40.00 - —
l.c.l., same basis.....ton.46.50 - —
Bleaching powder,[2,6] dms., c.l., works..100 lbs. 2.50 - 2.10
l.c.l., works.....100 lbs. 2.75 - 2.60
Blood,[1] dried, 16-16½% ammon., bgs..unit-ton. 5.53 - —
high-grade, unground, 16-17% ammon., bulk, Chicago.. unit-ton. 5.53 - —
soluble, bgs., c.l., Chicago...lb. .13½- —
smaller lots, Chicago.....lb. .15 - .20
Bloodroot, bls.....lb. .70 - .80
Blue,[1] alkali, dry, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. 1.75 - —
toner, bbls., same basis..lb. .85 - .90
Celestial, bbls., same basis...lb. .10 - .12
Cobalt,[6] genuine, bbls., same basis..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper phthalocyanin, full strength, bbls., same basis. lb. 3.50 - 3.75
80%, bbls., same basis....lb. 3.00 - —
green shade, bbls., same basis..lb. 4.50 - 4.70
Chinese, bbls., same basis....lb. .36 - —
Milori, bbls., same basis...lb. .80 - —
Prussian, bbls., same basis, lb. .86 - —
soluble, bbls., same basis..lb. .86 - —
Molybdated, Victoria, same basis..lb. 3.15 - —
Peacock, fugitive, 100% color strength, same basis..lb. .82 - —
permanent, toner, green shade, molybdic..lb. 3.50 - —
tungstic .....lb. 4.00 - —

Announcement

Commencing January 1st, 1945, BOWER BRAND YELLOW PRUSSIATE OF SODA will be sold direct to customers instead of through the Electrochemicals Department of the E. I. duPont de Nemours & Company as in the past.

About 1890, a business relationship was established between this company and the Roessler and Hasslacher Chemical Company who consumed our Prussiate. This resulted in over fifty years of pleasant association and an exclusive sales agreement which originated in 1911.

On the occasion of the termination of this agreement we wish to gratefully acknowledge the services of our old associate and to express appreciation for the support of the many "Bower — R. & H." customers in the past.

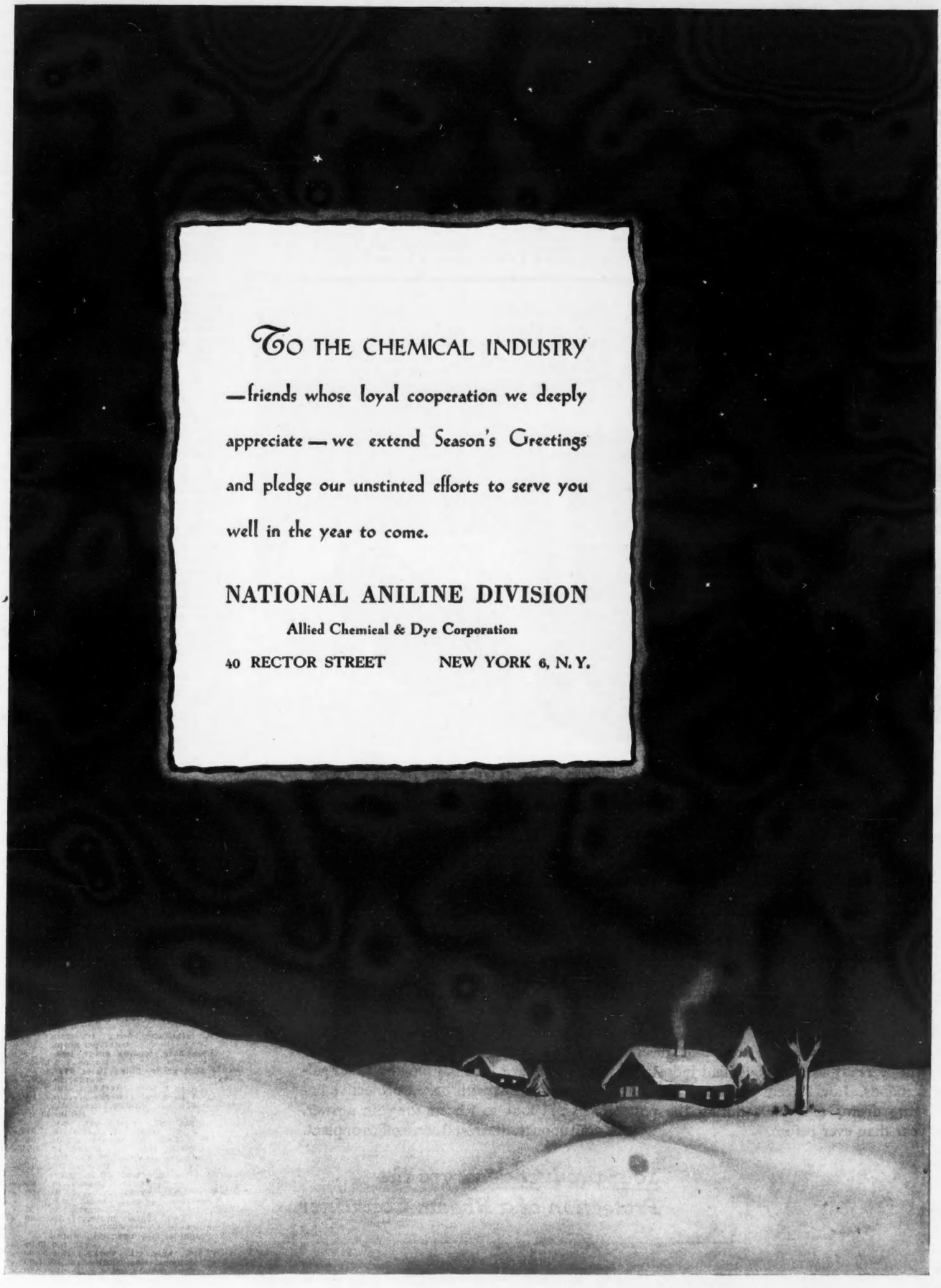
We solicit your future support with the assurance that your inquiries and orders will be handled by us with promptness and care.

◆

HENRY BOWER CHEMICAL MANUFACTURING CO.

Grays Ferry Avenue and 29th Street
PHILADELPHIA 46, PA.

Telephone DEWey 0612


To THE CHEMICAL INDUSTRY
—friends whose loyal cooperation we deeply appreciate — we extend Season's Greetings and pledge our unstinted efforts to serve you well in the year to come.
NATIONAL ANILINE DIVISION
Allied Chemical & Dye Corporation
40 RECTOR STREET NEW YORK 6, N. Y.

Blue, potash, CP, bbls., same basis..lb. .42 - —
Soda, CP, bronze, bbls., same basis..lb. .36 - —
Ultramarine, dry or pulp, cobalt grades, bbls., same basis..lb. .23 - .27
job grades, bbls., same basis, lb. .12 - .18
reg. grades, bbls., same basis, lb. .17 - .37
Victoria, toner,[1] molybdic, bbls., lb. 3.15 -
tungstic, bbls.....lb. 3.80 - —
ink toner, bbls., same basis, lb. 1.85 - —
syn. vehicle, bbls., same basis..lb. 1.93 - —
Violet, toner, molybdic, kgs., same basis..lb. 1.25 - —
tungstic, kgs., same basis..lb. 2.10 - —
Blue dry colors, divd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher, Pac. Coast; Denver, Pueblo, Salt Lake City, Wichita, frt. equalized with Chicago.
Blue dyes are listed under Dyes
Blueflag root, bls.....lb. .50 - .55
Blue mass, NF, cns., tubs....lb. 1.29 - 1.46
powd., bots., cns., dms.....lb. 1.32 - 1.46
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, bulk, Chicago....ton.57.50 -65.00
junk, bulk, same basis....ton.35.00 - —
meal, 4½% ammon., 50% phos., bgs., E. works..ton.57.50 - —
Chicago, works.....ton.59.50 - —
steamed, feeding grade, 1% ammon., 60% phos., bgs., E. works..ton.48.50 - —
Chicago, works.....ton.50.00 - —
Bone meal, steamed, fertilizer grade, 3% ammon., 50% phos., bgs., E. works. ton.38.50 - —
Chicago, works.....ton.36.00 - —
Precipitated (see Calcium phosphate tribasic, precip.).
Phosphate, defluorinated (see D).
Boneset leaves, bls.....lb. .14 - .15
Borage flowers, bls.....lb. .55 - .60
Borax,[2] tech., 99½%, gran., bulk, c.l., frt. alld..ton.41.50 - —
bgs., c.l., frt. alld....ton.45.00 - —
ton lots, ex whse....ton.56.00 - —
less ton lots, ex whse.ton.61.00 - —
bbls., c.l., frt. alld...ton.55.00 - —
ton lots, ex whse....ton.66.00 - —
less ton lots, ex whse.ton.71.00 - —
powd., bgs., c.l., frt. alld..ton.50.00 - —
ton lots, ex whse....ton.61.00 - —
less ton lots, ex whse.ton.66.00 - —
bbls., c.l., frt. alld....ton.60.00 - —
ton lots, ex whse....ton.71.00 - —
less ton lots, ex whse.ton.76.00 - —
USP, $15 per ton higher.
Bordeaux mixt., dms., c.l., whse., works, frt. alld..lb. .11 - —
l.c.l., same basis.....lb. .11½- —
Bornyl thiocyanoacetate (see Isobornyl thiocyanoacetate).
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - .30
single pkgs., same basis..lb. .30 - .35
Bromoform, USP, bots.....lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol .....lb. 4.30 - 5.00
Bronze powder, aluminum (see A).
gold, litho., cns., dms., works. lb. .60 - .65
moulding, cns., dms., same basis..lb. .50 - 1.00
printing ink, cns., dms., same basis..lb. .85 - 1.20
radiator, cns., dms., same basis..lb. .45 - .50
Broomtop, bls.....lb. .13 - .15
Brown,[3] iron-oxide, pure, precip., cks., works..lb. .12 - —
metallic, bbls., c.l., works.lb. .02½- —
Sap, crystals, works.....lb. .12 - —
powdered .....lb. .13 - —
Sienna, burnt, American, bbls., works..lb. .03¾- .05
pap. bgs., c.l., same basis. lb. .0235- —
Italian type, bbls., works.lb. .03¾- .10¾
raw, American, bbls., works.lb. .04 - .10
Italian type, bbls., works.lb. .08 - .10
Umber, American, bbls., works. lb. .03¾- —
Italian type, bbls., works.lb. .04¾- —
Turkey type, bbls., l.c.l., f.o.b. Boston, Bethlehem, Easton, Pa.; N. Y..lb. .04¾- —
St. Louis, Chicago, Indianapolis, New Orleans..lb. .05½- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
l.c.l., ex car, Los Angeles lb. .05⅝- —
Portland, San Francisco, Seattle..lb. .05½- —
ex whse, Los Angeles..lb. .05⅝- —
Portland, San Francisco, Seattle..lb. .05¾- —
Vandyke, reg., bbls., works..lb. .09 - —
special, bbls., same basis..lb. .12 - —
Brucine, 100-oz. cns.....oz. .35 - —
Sulphate, 100-oz. cns.....oz. .30 - —
Byronia root, bls.....lb. .60 - .65
Buchu leaves, bls.....lb. .80 - .85
Buckthorn bark, bls.....lb. .70 - .72
Berries, bgs.....lb. .60 - .70
Burdock root, bls.....lb. .30 - .32
Burgundy pitch, dms.....lb. .06 - —
Butane,[1] indust., tanks, Group 3. gal. .03½- —
Butyl acetate, normal,[1,6] ferment, Ill., Ind., prod., dms., c.l., frt. alld. E. of Miss. R. lb. .1895- —
l.c.l., frt. same basis. lb. .1945- —
tanks, same basis.....lb. .1795- —
other production, dms., c.l., same basis..lb. .1900- —
l.c.l., same basis....lb. .1950- —
tanks, same basis....lb. .1800- —
synthetic, dms., c.l., same basis..lb. .11¾- —
l.c.l., same basis....lb. .12¼- —
tanks, same basis.....lb. .10¾- —
secondary,[1,6] dms., c.l., divd. E. of Miss R..lb. .09½- —
l.c.l., same basis.....lb. .10 - —
tanks, same basis.....lb. .08½- —
Normal butyl acetate, W. of Miss. R., ½c. per lb. higher.
Alcohol (see Alcohol, butyl).
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Carbinol, secondary, l.c.l., dms., works..lb. .09 - —
Chloride, normal, dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —
Ether (see Ether, butyl).
Lactate, dms., works.....lb. .26½- —
Laurate, dms., works.....lb. .42 - —
Myristate, dms., works.....lb. .41 - —
Oleate, ref., dms., l.c.l., works.. lb. .35 - —
tech., dms., c.l., works....lb. .24 - —
l.c.l., works.....lb. .24½- .25½
Phenylacetate, dms.....lb. 2.00 - 2.25
Phthalate (see Dibutyl Phthalate).
Proprionate, dms., divd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .31 - .31¼
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., works.....lb. .60 - —

IN BATTLE — IN INDUSTRY

...the steel drum is indispensable

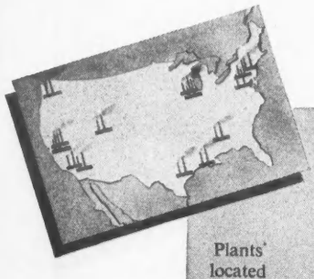
RHEEM steel shipping containers by the millions are taking gasoline, oil, food, and many other supplies to the fighting forces on all battle fronts. Drums . . . when and where they are needed . . . that's just one of the ways the Rheem *nation-wide network of plants* is helping to defeat the enemy.

When war restrictions are lifted, Rheem will be ready to supply civilian industrial demands. For Rheem has been making more drums and pails during the past year than ever before.

Back of the Rheem plants is a "know-how" of research, production engineering and manufacturing skill, teamed up to assure a container which will deliver your products safely.

PUT YOUR PROBLEM UP TO RHEEM

If your product, or your plans call for steel shipping containers of any size . . . light or heavy gauge . . . plain, lithographed or galvanized . . . or with baked protective linings . . . look to Rheem for your answer. Call upon the nearest Rheem office or plant.



Your product deserves the Protection of a Rheem Container

RHEEM MANUFACTURING COMPANY

Executive and General Sales Offices
New York · San Francisco · Los Angeles · Washington, D. C.

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Bayonne, N. J. · Birmingham, Ala. · Chicago, Ill. · Danville, Pa. · Houston, Texas · New Orleans, La. · Portland, Ore. · Salt Lake City, Utah · Sparrows Point, Md. · Maywood, Richmond, South Gate and Stockton, Calif.

C

Cadmium bromide,[6] bots.....lb. 1.84 - 1.91
jars .....lb. 1.65 - 1.70
Iodide,[6] bots.....lb. 4.23 - —
cns. .....lb. 4.09 - —
Lithopone (see Yellow).
Metal,[1,6] pat. shapes, cs., divd. lb. .95 - —
Ingots or sticks.....lb. .90 - —
Selenide (see Red).
Sulphide (see Yellow).
Caffeine[1,6] dms., makers primary distrib., 100 lbs. or more..lb. 2.80 - 2.88
25 to 100 lbs.....lb. 2.95 - 3.10
smaller lots.....lb. 3.15 - 3.25
anhydrous, dms., 100 lbs. or more..lb. 3.00 - 3.08
25 to 100 lbs.....lb. 3.15 - 3.30
smaller lots.....lb. 3.35 - 3.45
Citrated, dms., makers primary distrib., 100 lbs. or more..lb. 1.95 - —
smaller lots.....lb. 2.05 - 2.30
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs.....lb. .30 - .35
Calamus root, dom., bls.....lb. .40 - .45
Calcium acetate, bgs., divd..... 100 lbs. 3.00 - 4.00
Arsenate, bgs., c.l., whse., works, frt. alld.lb. .07½- .08
l.c.l., same basis.....lb. .08 - .08¼
Bromide, jars.....lb. .65 - .70
Carbide,[1,5,6] dms., c.l., works. ton.50.00 - —
divd. .....ton.87.00 -95.00
Carbonate (see Chalk and Whiting).
Chloride, flake, 77-80%, paper bgs., c.l., divd..ton.18.50 -35.00
l.c.l., 15 tons, divd...ton.21.50 -25.50
5-ton lots.....ton.28.50 -41.00
liquor, basis 40%, tanks, wks. ton. 7.50 - —
purified, cryst., bbls., jars.lb. .28 - .39
solid, 73-75%, dms., c.l., divd. ton.18.00 -31.50
l.c.l., 15 tons, divd..ton.21.45 -25.45
73-75%, 5-ton lots.....ton.24.85 -40.95
Calcium chloride prices vary according to zone min. prices, spot. C.l. prices for flake in burlap paper-lined bags, $2.50 per ton over paper bags; drums, $3.50 per ton over paper bags.
Gluconate, USP, gran., bbls..lb. .52 - —
dms. .....lb. .57 - .58
cns. .....lb. .70 - —
Powd., 2c. per lb. lower.
Glutamate, kgs.....lb. 1.50 - —
Glycerophosphate, fiber dms., 1,000-lb. lots..lb. 1.25 - —
smaller lots.....lb. 1.75 - —
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, edible, 100 lbs., dms lb. .21 - —
USP, bbls.....lb. .35 - .37
Laurate, bbls.....lb. .28 - .29
Mandelate, USP, dense, fluffy, dm..lb. 2.05 - 2.30
Naphthenate, 4% Ca, 50-gal. dms..lb. .22½- —
Pantothenate, dex., 100-gram bots..per gram. .10 - —
Phosphate, feeding grade, bgs., works..ton.75.00 - —
food grade, bbls., 10 or over, works..lb. .07 - .07¾
5 to 9 bbls., works.....lb. .08 - .09
1 to 4 bbls., works.....lb. .10 - —
medicinal, dibasic, bgs..... 100 lbs.11.40 -18.00
monobasic, cryst., bgs., c.l., works, frt. equald..lb. .05¾- —
l.c.l., frt. equald.....lb. .06 - .06½
tribasic, bbls., c.l., works..lb. .0635- —
Resinate, precip., 5.3% Ca, 100-lb. dms..lb. .15½- —
Silicate, hydrated, 50-lb. paper bgs., c.l., works..lb. .05½- —
l.c.l., works.....lb. .06 - —
Stearate, precip., bbls., c.l., works..lb. .25 - —
l.c.l., same basis.....lb. .26 - .28
Sulphate (see Gypsum).
Sulphide, 70% bgs., c.l., works. ton.45.00 - —
80%, bgs., c.l., works....ton.50.00 - —
luminous, tins, works.....lb. 1.00 - —
Sulphocarbolate, bbls.....lb. .49 - —
Tallate, 3%-4% Ca, 50-gal. dms. lb. .13¼- .19½
Calcium-strontium sulphide, phosphorescent, dms., works..lb. 1.00 - 1.50
fine particle size, works. lb. 1.50 - 1.75
Calendula flowers, bls.....lb. No stocks
Calomel,[2] bbls., dms.....lb. 1.88 - 1.89
Camphor,[6] natural.....lb. No stocks
synth., tech., bbls., contract, 2,000 lbs. or more, works. lb. .42 - —
10 bbls. (1,500 lbs.).....lb. .44½- —
5 to 9 bbls.....lb. .45 - —
1 to 4 bbls.....lb. .46 - —
smaller lots.....lb. .46 - .55

Camphor, synth., USP, gran., powd., bbls., 2,000-lb. lots lb. .69 - —
1,000-lb. lots.....lb. .70 - —
smaller lots.....lb. .71 - —
tablets, 2,000-lb. lots...lb. .82 - —
1,000-lb. lots.....lb. .83 - —
smaller lots.....lb. .84 - —
Monobromate, dms.....lb. 3.10 - 3.25
Canada balsam (see Fir balsam).
Cantharides, Russian, whole, bgs. lb. 3.50 - 3.75
powd., bxs.....lb. 4.25 - 4.50
Capsicum (see Pepper, red).
Caramel coloring, bbls.....gal. .70 - 1.10
Caraway seed,[1] Californian, bgs., lb. .72 - .73
Canadian, bgs.....lb. .74 - .75
Morocco, dewhiskered, bgs...lb. .70 - .71
Spanish, dewhiskered, bgs...lb. .70 - .72
Syrian, dewhiskered, bgs....lb. No stocks
Carbasole, 95%, dms., ton lots, works..lb. .70 - —
smaller lots, works.....lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller lots, works.....lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, dms., c.l., works..lb. .22½ - —
l.c.l., works.....lb. .23½ - —
tanks, works.....lb. .21½ - —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾ - —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride,[2,6] c.p., dms., c.l. lb. .07½ - —
l.c.l. .....lb. .08 - —
tech., Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .60 - —
l.c.l., frt. alld.....gal. .87 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.04 - —
l.c.l., frt. alld.....gal. 1.14 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .94 - —
l.c.l., frt. alld.....gal. 1.00 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.17 - —
l.c.l., frt. alld.....gal. 1.27 - —
Zone 4, 52½-gal. dms., c.l.. gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l..gal. 1.07 - —
c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
USP, cbys.....lb. .17 - .19

Carbon tetrachloride prices are frt. alld. with the exception of Zone 4, where prices are f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Sales zones are:—1, Conn., Del., Ill., Ind., Ia., Me., Mass., Md., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., O., Pa., R. I., Tenn., Va., W. Va., Wis., and river cities of Burlington, Ia., and Kansas City, Kans.; 2, Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; 3, Colo., N. Mex., Tex., and Montana points E. of Billings; 4, Ariz., Cal., Idaho, Nev., Ore., Utah, Wash. and Montana points W. of Billings.

Cardamom,[1] bleached, bold, cs.. lb. 1.20 - 1.25
medium, cs.....lb. 1.08 - 1.15
coorg clipped, cs.....lb. .50 - .55
decorticated, cs.....lb. .67 - .68
green, bgs.....lb. .60 - .62
Carotene, crystalline (alpha, 10%; beta, 90%), amps, 100 grams, dlvd..gram. 2.85 - —
50 grams, dlvd.....gram. 2.90 - —
Carvol, bots.....lb. 22.50 - 23.00
Cascara sagrada bark, bulk...lb. .32 - .35
Case hardening mixture, 30% gran., dms., l.c.l..lb. .09¾- —
slabs, dms., l.c.l.....lb. .08¾- —
Casein,[1,6] dom., acid-precip., bgs., 100 or more, ship't point..lb. .24 - —
20 to 99, same basis....lb. .24¼- —
less than 20, same basis. lb. .24¾- —
rennet-precip., bgs., 100 or more, same basis..lb. .25½- —
20 to 99, same basis....lb. .25¾- —
less than 20 bgs.....lb. .26¼- —
imp., acid-precip., ground, bgs., 100 bgs. or more..lb. .17 - .17½
rennet-precip., unground, bgs., 100 bgs. or more..lb. .18½- .19
Cassia[1] .....lb. No stocks
Cassia fistula, bskts.....lb. .26 - .28
Castor beans, f.o.b. Brazilian ports..long ton. 61.00 - —
Oil (see Oil, castor).
Pomace,[1] bgs., c.l., works..... unit-ton. 2.90 - —
Castoreum, nat., cns.....lb. 12.50 - 13.00
synth., bots.....lb. 19.00 - —
Catechol, CP, cryst., works, fib. dms., tin..lb. 2.15 - 2.30
resublimed, frt. alld. E. of Miss., dms..lb. 3.50 - —
Catnep, bls.....lb. .65 - .66
Celery seed,[1] Indian, bgs.....lb. .17¾- .18¼
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate,[4,6] flake, ctns., works, frt. alld..lb. .30 - .35
granules, ctns., same basis.lb. .35 - —
Triacetate,[4,6] flake, ctns., works, frt. alld..lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Oxide, optical grade, kgs., 100-lb. lots, works..lb. 1.50 - —
smaller lots, bgs., same basis..lb. 2.00 - —
Chalk, precipitated, cosmetics, dentifrices, and drugs, bgs., c.l., works..lb. .02¾- —
paint and other industries, bgs., c.l., works..ton. 40.00 - —
papermakers, bgs., c.l., works. ton. 32.50 - —
rubbermakers, bgs., c.l., works. ton. 30.00 - —
Chamomile, Hungary type, cs..lb. .45 - .50
Roman, bls.....lb. No stocks
Charcoal, pinewood,[1,6] gran., pulv., bgs., c.l., f.o.b. producers' plants in South..ton. 30.20 - —
l.c.l., same basis.....ton. 41.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract,[1,6] clarif., 25%, bbls., c.l., works..100 lbs. 2.85 - 3.85
l.c.l., works.....100 lbs. 3.10 - 4.10
tanks, works.....100 lbs. 2.25 - 3.25
powdered, 65% tannin, bgs., c.l., works..100 lbs. 6.50 - 9.10
l.c.l., works.....100 lbs. 7.25 - 9.85
Chillies (see Pepper, red).
China clay, dom., dry-grd, air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton. 16.00 - —
bulk, c.l., works...ton. 7.60 - —
China clay, dom., dry-grd., air-float., 200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 - 15.50
wet grd., silk-bolt 99.9%, 325 mesh, bulk, c.l., works... ton. 9.50 - —
paper bgs., c.l., works.ton. 12.50 - —
import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton. 19.00 - 24.00
powd., cks., l.c.l., ex whse.ton. 41.00 - —
Chloral hydrate, jars.....lb. .93 - .98
dms. .....lb. .90 - .95
Chlorinated rubber,[6] standard, ctns., 100 lbs. up, works..lb. .32 - —
smaller lots, works.....lb. .35 - —
Chlorine,[2,5,6] liquid, cyls., c.l.lb. .05¼- —
contracts .....lb. .05¾- —
l.c.l. .....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple units, 3 or over, works, frt. equald..100 lbs. 2.00 - —
2, wks. frt. equald..100 lbs. 2.50 - —
1, wks., frt. equald.100 lbs. 3.00 - —
Chloroform, tech., dms.....lb. .20 - .23
USP, dms.....lb. .30 - .33
Chloropicrin, com'l, 180-lb. cyls., works, frt. alld..lb. .80 - —
100-lb. cyls., same basis....lb. .82 - —
25-lb. cyls., ex whse.....lb. 1.00 - —
1-lb. bots., ex whse.....lb. 1.25 - —
Choline chloride, fib. dms.....lb. 3.00 - 3.10
Dihydrogen citrate, fib. dms..lb. 3.00 - 3.10
Chrome acetate, powd., 24%, bbls. lb. .22 - —
solut., 8%, bbls., cs.....lb. .07½- —
7½%, bbls., cs.....lb. .08½- —
Cake, bulk, c.l., works.....ton. 16.00 - —
Chrome ore,[1] residue, paper bgs., c.l., works..ton. 15.00 - —
Oxide (see Green, chrome).
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, bots.....lb. 6.05 - 6.09
Cinchona bark,[6] red, quill, USP, 10 in., cs..lb. 1.20 Nom.
Cinchonidine,[6] small, cryst., cns., 100 oz. .80 + .13½*
sulphate, NF, cns., 100 ozs.. oz. .89 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine,[6] small, cryst., cns., 100 ozs..oz. .62 + .13½*
large cryst., cns., 100 ozs.oz. .66 + .13½*
Sulphate, NF, cns., 100 ozs..oz. .42 + .13½*

* Surcharge to cover present war-risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, NF, bots.....lb. 3.70 - 3.80
dms. .....lb. 3.50 - 3.60
Heavy density cinchophen 20c. per lb. higher.
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, cns., dms.....lb. 2.00 - 3.90
Cinnamon,[1] Ceylon, 2, bls.....lb. .53 - .53½
No. 2, bls.....lb. .52 - .53
chips, bgs.....lb. .56 Nom.
Citral, bots., cns.....lb. 2.85 - 4.75
Citrine ointment, jars.....lb. .91 - 1.11
Citronellal, bots., dms.....lb. 2.75 - 3.25
Citronellol, bots., dms.....lb. 6.00 - 7.00
Cloves,[1] Madagascar, futures, bls. bls.lb. .16¼- .16¾
Zanzibar, futures, bgs.....lb. .17½- .18
Clover tops, red, bgs.....lb. .55 - .60
Coaltar,[6] coal-gas, crude, bbls., c.l., works..bbl. 8.25 - —
l.c.l., works.....bbl. 8.75 - —
tanks, works.....gal. .07½- —
refd., bbls., c.l., works....bbl. 8.75 - —
l.c.l., works.....bbl. 9.25 - —
tanks, works.....gal. .08½- —
water-gas, crude, dms., c.l., works..bbl. 8.25 - —
l.c.l., works.....dm. 8.75 - —
refd., dms., c.l., works...dm. 9.25 - —
Cobalt acetate,[6] bbls., kgs., dlvd., lb. .83¾- —
feed grade, 49.5% Co., kgs..lb. 1.25 - —
Carbonate,[6] powd., bgs., works, lb. 1.58 - —
feed grade, 23% Co., kgs...lb. 1.85 - —
Chloride, kgs., works.....lb. .87½- —
feed grade, 24.5% Co., kgs..lb. 1.25 - —
Hydrate,[6] bbls.....lb. 2.04 - —
feed grade, 62% Co., kgs...lb. 2.25 - —
Linoleate, paste, 5%, dms....lb. .32 - .35
solid, 8½%, dms.....lb. .44 - —
Naphthenate, 6% Co., 50-gal. dms..lb. .31 - —
Nitrate, feed grade, 20.4% Co., kgs..lb. 1.25 - —
Oleate, bbls.....lb. .44 Nom.
Oxide,[6] black, kgs.....lb. 1.84 - —
Phosphate, feed grade, 34% Co., kgs..lb. 1.75 - —
Resinate, precip., 7.5% Co., 100-lb. dms..lb. .38½- —
Soyate, 8%-8.5% Co., 50-gal. dms..lb. .42 - .44
Sulphate,[6] dms.....lb. .65 - —
feed grade, 21% Co., kgs...lb. 1.00 - —
Cobalt salts, feed grade, quotations are f.o.b. Philadelphia, Cleveland, or New York.
Cobalt-ammonium sulphate, 14% Co., kgs..lb. .75 - —
Coccaine hydrochloride, 100-oz. lots, • cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
silver, Teneriffe, bgs.....lb. .38 - .39
Cocoa butter,[1] bulk, ship't pt..lb. .25 - —
Cocillana bark, bgs.....lb. .24 - .28
Codeine, cns., 100 ozs.....oz. 11.70 - —
Hydrochloride, cns., 100 ozs..oz. 10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh root, black, bls.....lb. .18 - .20
blue, bls.....lb. .21 - .22
Colchicine, bots., cns.....oz. No stocks
Cochicum seed.....lb. No stocks
Collodion, USP, dms.....lb. .19½- .20½
cns. .....lb. .23 - .29½
flexible, USP, dms.....lb. .21 - .22
cns. .....lb. .25 - .31
Colocynth pulp, bls.....lb. .55 - .60
Colombo root, bls.....lb. .19 - .20
Coltsfoot leaves, bgs.....lb. .90 - 1.00
Condurango bark, bgs.....lb. .12 - .15
Copaiba balsam, Peru, cns....lb. .47 - .49
S. A., USP, cns.....lb. .50 - .52
Copper acetate,[6] cupric, bbls., works..lb. .25¼- —
smaller containers, wks..lb. .27 - —
Carbonate,[6] 52-54%, bbls....lb. .19½- .20½
Chloride,[6] anhyd., bbls.....lb. .22½- .23
crystals, bbls.....lb. .14¾- .17
Cyanide,[6] tech., bbls.....lb. .34 - .38
Iodide, bots.....lb. 5.15 - 5.19
Metal,[1,3,6] electrolytic.....lb. .12 - .12½
Napthenate,[6] 6%-8% Cu, 50-gal. dms..lb. .15 - .17
Nitrate,' tech., cryst., bbls..lb. .19¼- .20¼
Oleate, precip., bbls.....lb. .22½- .23½
Oxide,[6] black, bbls., works..lb. .19 - .20
red, com'l, bbls.....lb. .21¼- .24½
Oxychloride-sulphate,[6] bgs...lb. .17 - .20
Resinate, precip., 8.3% Cu, 125-lb. dms..lb. .15½- .16

SPOT DELIVERIES

INDIAN MAGNESITE

LEVIGATED ALUMINA
MENTHOL Not USP
MAGNESIUM METAL POWDER
MAGNESIUM OXIDE HEAVY CALCINED
LECITIN DOMESTIC
MAGNESIUM HYDROXIDE

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Copper sulphate,[1,6] 99%, cryst., bgs., c.l., works..100 lbs. 5.00 - —
7,200 to 36,000 lbs...100 lbs. 5.15 - —
2,700 to 7,200 lbs....100 lbs. 5.25 - —
700 to 2,700 lbs.....100 lbs. 5.50 - —
monohydrated, bgs., in dms., 36,000-lb. lots, dlvd..100 lbs. 9.95 - —
l.c.l., same basis...100 lbs. 10.95 - —

Copperas, cryst., gran., bgs., c.l., works..ton. 17.00 - —
l.c.l., 25, bgs.....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bbls., c.l., works.....ton. 20.00 - —
bulk, c.l., works.....ton. 14.00 - —

Copra, Coast, ship't.....lb. No prices

Coriander seed,[1] Indian, bgs..lb. No stocks
Morocco, bgs.....lb. .13¾ Nom.

Cornsilk, bls.....lb. .24 - .25

Corn sugar, tanners,[6] chipped, bgs., c.l., dlvd..100 lbs. 3.905 - —
slabs, bbls., c.l.....100 lbs. 3.825 - —
Syrup, 42°, bbls., c.l....100 lbs. 4.221 - —
43°, bbls., c.l.....100 lbs. 4.271 - —

Corrosive sublimate,[6] cryst., dms., 50 lbs. or more..lb. 1.59 - —
gran., powd., dms., 50 lbs. or more..lb. 1.44 - —

Cottonroot bark, bls.....lb. .17 - .18

Cottonseed hull ash, 32-36% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
Meal,[1] 41% protein, Memphis, c.l..ton. 45.00 - 49.75

Coumarin,[1] cns., makers, primary distrib., 5 lbs. or more..lb. 2.75 - —
smaller lots.....lb. 2.90 - 3.10

Cramp bark, NF, bls.....lb. .75 - .80

Cream of tartar, USP, gran. or powd., bbls. ,5,000 lbs. one ship't..lb. .57½- —
smaller lots, bbls.....lb. .58 - —
kgs.....lb. .58½- —

Creosote carbonate, bots., cbys. lb. 2.10 - 2.39

Coaltar, oil,[3] crude, tanks, works..gal. .15½- —
refd., bbls., l.c.l., works.gal. .26 - —
tanks, works.....gal. .18 - .18½
solution, tanks, works....gal. .141 - —
Wood, beech, bots., cbys.....lb. .85 - 1.04
Hardwood, USP, bots.....lb. .60 - .77
Pine, dms.....gal. .28 - —

Cresol,[3,6] special resin grades, dms., c.l., works, frt. equald. lb. .09½- .10½
l.c.l., same basis.....lb. .10 - .11
tanks, same basis.....lb. .08¾- .09¾

Cresol, USP, dms., c.l., works, freight equald..lb. .10¾- .11¼
l.c.l., same basis.....lb. .11¼- .11¾
tanks, same basis.....lb. .10 - .10½

Crotonaldehyde, 97%, 55 and 110 gals., l.c.l., works..lb. .15 - —
5 and 10-gal. dms., works..lb. .18 - —

Cryolite, nat.,[4] bgs., bbls., c.l... 100 lbs. 9 50 - —
smaller lots.....100 lbs. 10.00 - —
synth.,[4] bgs., bbls., c.l., frt. alld. E. of Miss. R..lb. .08½- —
smaller lots, works.....lb. .09¼- —

Cube root, 5% rotenone, bbls., works..lb. .40 - —
4% rotenone, bbls., works..lb. .32 - —

Cubeb berries, XX, bgs.....lb. No stocks
powd., cs.....lb. No stocks

Culver's root, bls.....lb. .25 - .26

Cumin seed, Cyprus, bgs.....lb. No stocks
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Persian, bgs.....lb. No stocks

Cyanamide,[6] fertilizer mixing grade, guaranteed 21% N., pulv., bgs., Niagara Falls, Ont., contracts..unit-ton. 1.52½- —
20.6% N., gran., bulk, same basis..unit-ton. 1.62½- —

Cyclohexane, 98-100%, works..lb. .14 - .16
tech., dms., c.l., frt. alld. E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
tanks, frt. alld. E.....lb. .09½- —
Cyclohexane prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.

Cyclohexanol, 98-100%, works..lb. .21 - .23

Cyclohexanone, 98-100%, wks..lb. .30 - .32
tech., dms., c.l., frt. alld. E., lb. .30 - —
l.c.l., frt. alld. E.....lb. .30½- —
tanks, frt. alld. E.....lb. .29 - —
Cyclohexanone prices are 1c. per lb. higher, frt. alld., in Cal., Ore., Tex., and Wash.; 2c. higher in Ariz., Col., Ida., Kans., Mont., Neb., Nev., N. D., N. M., Okla., S. D., Utah, and Wyo.

Cyclopropane, USP, cyls., dlvd., gal. .27 - —

D

Dandelion root, bls.....lb. .37 - .40

Decanol,[6] normal, tech., dms., dlvd..lb. .35 - —

Deertongue, bls.....lb. .42 - .48

Defluorinated phosphate,[1] paper bgs., works..ton. 34.25 - —

Degras,[1] common, bbls.....lb. .10 - .12
neutral, less 2% ffa, bbls...lb. .26 - .29
over 2% ffa, bbls.....lb. .25 - .27

Damiana leaves, bls.....lb. .14 - .15

Derris root (same as Cube root).

Dextrin, British gum, bgs., c.l., 100 lbs. 5.29 - —
Chicago .....100 lbs. 4.93 - —
l.c.l. .....100 lbs. 5.39 - —
Chicago .....100 lbs. 5.03 - —
Corn, canary, bgs, c.l..100 lbs. 5.04 - —
Chicago .....100 lbs. 4.68 - —
l.c.l. .....100 lbs. 5.14 - —
Chicago .....100 lbs. 4.78 - —
white, bgs., c.l.....100 lbs. 4.97 - —
Chicago .....100 lbs. 4.61 - —
l.c.l. .....100 lbs. 5.07 - —
Chicago .....100 lbs. 4.71 - —
Potato, bgs., c.l.....lb. .10 - —
l.c.l. .....lb. .10¼- .11¾

Diacetone (see Alcohol, diacetone).

Diacetyl, bots.....lb. 6.00 - 7.00

Diamyl ether (see Amyl ether).

Diamyl phthalate,[6] dms., c.l., dlvd..lb. .2170- .2200
l.c.l., dlvd.....lb. .2220- .2250
tanks, dlvd.....lb. .2070- .2100

Sulphide, l.c.l., dms., works..lb. .25 - —

Diamylamine, dms., c.l., wks..lb. .61 - —
l.c.l., works.....lb. .64 - —

Diamylphenol, 2:4, dms., c.l., works..lb. .18 - —
l.c.l. .....lb. .21 - —

Diatomaceous earth, dom., CP, bgs., c.l., Atlantic Coast.. lb. .07 - —
l.c.l., ex whse.....lb. .10 - .16
nat., bgs., c.l., Pacific Coast, ton. 22.00 - 25.00
l.c.l., ex whse.....ton. 45.00 - —
purified, bgs., c.l., Atlantic Coast..ton. 55.00 - 59.00
l.c.l., ex whse.....ton. 85.00 - 90.00
imported, Algerian, bgs., c.l., Atlantic Coast..ton. No prices
Mexican, white, bgs., c.l., Atlantic Coast..lb. .02 - .03
l.c.l. .....lb. .04 - .06

Dibutyl phthalate,[6] 5-gal. cns., works..lb. .2640- .2900
7-gal. cns., same basis..lb. .2840- .3100
dms., c.l., same basis....lb. .2090- .2350
l.c.l., same basis.....lb. .2240- .2500
tanks, same basis.....lb. .1990- .2259
Sebacate, dms., works.....lb. .497 - .517
Tartrate, dms.....lb. .92 - 1.02

Dibutylamine, dms., c.l., works.. lb. .61 - —
l.c.l., works.....lb. .64 - —

Dichloroethyl ether,[6] purified, dms., c.l., works, frt. equaled with So. Charleston..lb. .16 - —
l.c.l., same basis.....lb. .17 - —
tanks, same basis.....lb. .15 - —

Diethanolamine,[6] dms., c.l., frt. alld. in E..lb. .23½- —
l.c.l., same basis.....lb. .24½- —
tanks, same basis.....lb. .22½- —

Diethyl carbonate, com'l, dms..lb. .25 - —
refd., 90%, dms.....lb. .30 - —
Oxalate, dms., c.l., dlvd.....lb. .30¼- —
l.c.l., dlvd.....lb. .31 - —
Phthalate,[6] dms., c.l., dlvd..lb. .2025- .2120
l.c.l. .....lb. .2075- .2170
tanks .....lb. .1925- .2050
Sulphate, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —

Diethylamine, dms., c.l., works. lb. .76 - —
l.c.l., works.....lb. .81 - —

Diethylaminoethanol,[6] l.c.l., dms., works, frt. alld. E. of Miss. R..lb. .75 - —

Diethylaniliin, dms.....lb. .40 - —

Diethyleneglycol, dms., c.l., frt. alld. in E..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
tanks, same basis.....lb. .13½- —

Monobutylether, dms., c.l., wks. lb. .22 - —
l.c.l., works.....lb. .23 - —
tanks, works.....lb. .21 - —

Monoethylether,[6] dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —

Digitalis leaves, dms.....lb. .60 - .65
Diglycol laurate, dms.....lb. .31 - .32
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —

Di-isobutyl ketone, dms., works. lb. .19 - —

Dillseed, cleaned, bgs.....lb. No stocks
dewhiskered, bgs.....lb. .12½- .13

Dimethyl phthalate,[6] dms., dlvd..lb. .1875- —
l.c.l., dlvd.....lb. .1925- —
tanks, dlvd.....lb. .1775- —

Dimethylamine, dms., c.l.....lb. .85 - —
l.c.l., dlvd.....lb. .90 - —

Dimethylaniliin, dms., c.l.....lb. .23 - —
l.c.l. .....lb. .24 - —

Dimethylethyl carbinol (see carbinol).

Dinitrobenzene, bbls., 80° min..lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .18 - —
oily, dms.....lb. .05 - —
Diorthotoluolguanidin,[6] dms., tons, dlvd..lb. .44 - —
smaller lots.....lb. .46 - .47

Dioxan, dms., c.l., frt. alld...lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —

Dip oil (see Tar acid oil).

Dipentene,[1,6] dest. dist., dms., dlvd. E..gal. .55 - .56
tanks, dlvd. E.....gal. .45 - —
single dist., dms., dlvd. E..gal. .55 - .58
tanks, dlvd. E.....gal. .52 - —

Diphenyl,[6] bbls., c.l., works...lb. .15 - —
l.c.l., works.....lb. .18 - .20
Oxide, perfume grade, cns...lb. .48 - .50
dms.....lb. .43 - .45

Diphenylamine,[6] bbls.....lb. .25 - —

Diphenylguanidin,[6] dms., tons..lb. .35 - —
smaller lots.....lb. .36 - .37

Divi-divi,[6] according to tanning content, bgs..ton. 64.00 - 68.00

Doggrass root, imp., cut, NF, bls..lb. .52 - .55
dom., bls.....lb. .30 - .35

Dogwood bark, Jamaica, bls...lb. .08 - .10

Dover's powder, USP, cns.....lb. 2.75 Nom.

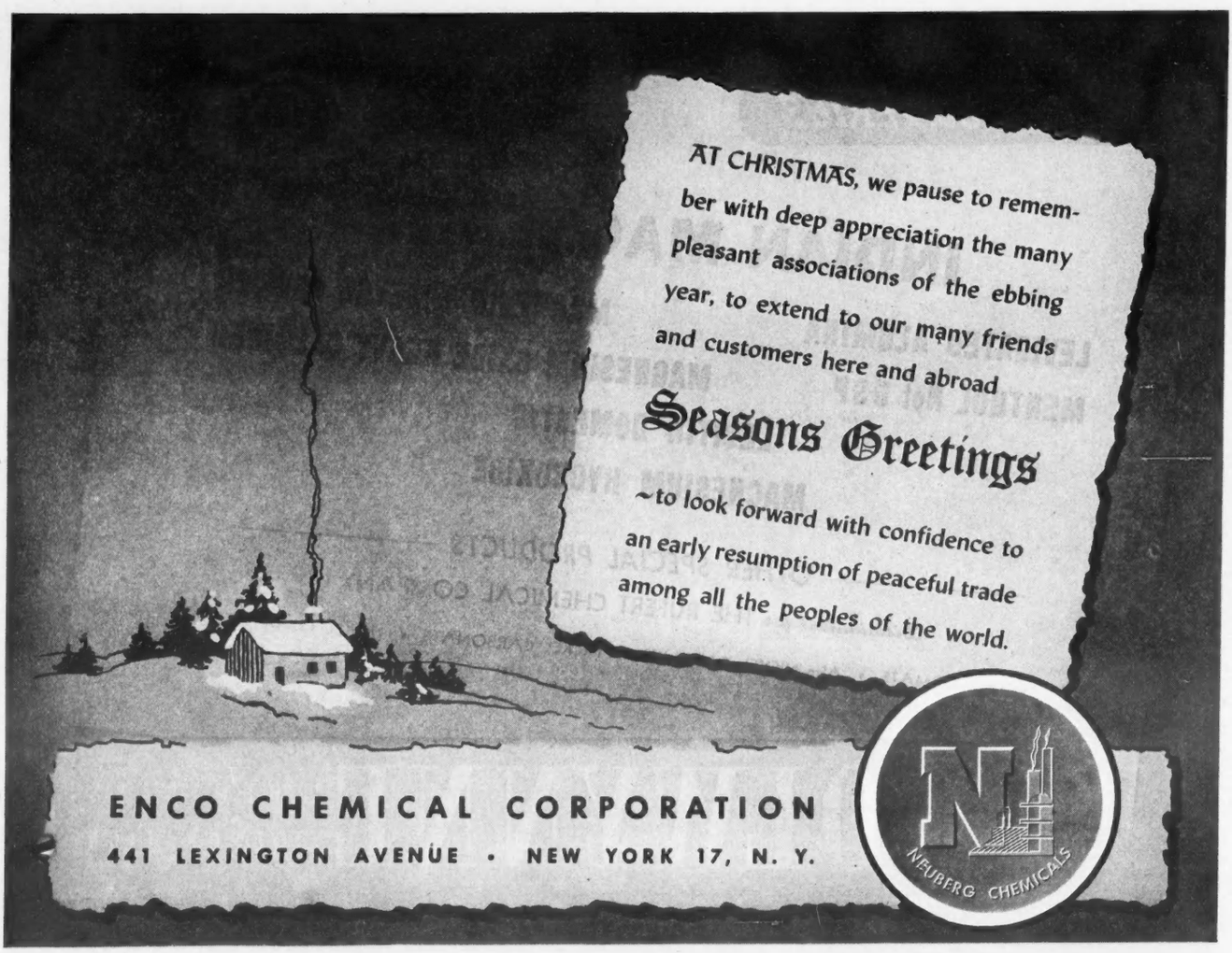
Dragon's blood, reeds, cs.....lb. .85 - .90

Dyes, coaltar (certified colors for foods, drugs and cosmetics)—
Blue, FD&C blue, No. 1, cns..lb. 13.50 - —
FD&C blue, No. 2, cns....lb. 13.50 - —
Green, FD&C green, No. 1 cns. lb. 13.50 - —
FD&C green, No. 2, cns...lb. 17.50 - —
FD&C green, No. 3, cns...lb. 27.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red No. 3, cns.....lb. 17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —

Dyes, coaltar (certified colors for drugs and cosmetics)—
Black, D&C black, No. 1, cns. lb. 8.35 - —
Blue, D&C blue, No. 4, cns...lb. 12.35 - —
Brown, D&C brown, No. 1, cns. 12.35 - —
Green, D&C green, No. 5, cns. lb. 12.35 - —
D&C green, No. 6, cns.....lb. 12.35 - —
Orange, D&C orange, No. 3, cns..lb. 8.35 - —
D&C orange, No. 4, cns....lb. 15.35 - —
D&C orange, No. 10, cns...lb. 15.85 - —
Red, D&C red, No. 8, cns...lb. 2.85 - —
D&C red, No. 17, cns.....lb. 8.35 - —
D&C red, No. 18, cns.....lb. 15.35 - —
D&C red, No. 19, cns.....lb. 15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33, cns.....lb. 13.35 - —
D&C red, No. 37, cns.....lb. 12.35 - —
Yellow D&C yellow, No. 7, cns..lb. 8.35 - —
D&C yellow, No. 8, cns...lb. 8.35 - —
D&C yellow, No. 11, cns...lb. 10.35 - —

Dyes, coaltar (certified colors for external use, drugs and cosmetics—
Blue, Ext. D&C blue, No. 1, cns..lb. 12.35 - —
Green, Ext. D&C green, No. 1, cns..lb. 12.35 - —
Red, Ext. D&C red, No. 1, cns..lb. 10.35 - —
Ext. D&C red, No. 3, cns..lb. 21.35 - —
Ext. D&C red, No. 6, cns..lb. 7.35 - —
Ext. D&C red, No. 10, cns..lb. 12.35 - —
Ext. D&C red, No. 13, cns..lb. 12.35 - —
Yellow, Ext. D&C yellow, No. 1, cns..lb. 8.35 - —

Dyes, coaltar, for general uses[6] (numbers are those of Colour Index scale)—
36 Chrome yellow, 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A[6].....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste...lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10


AT CHRISTMAS, we pause to remember with deep appreciation the many pleasant associations of the ebbing year, to extend to our many friends and customers here and abroad
Seasons Greetings
~to look forward with confidence to an early resumption of peaceful trade among all the peoples of the world.
ENCO CHEMICAL CORPORATION
441 LEXINGTON AVENUE • NEW YORK 17, N. Y.
NEUBERG CHEMICALS

OPD—12-18-1944

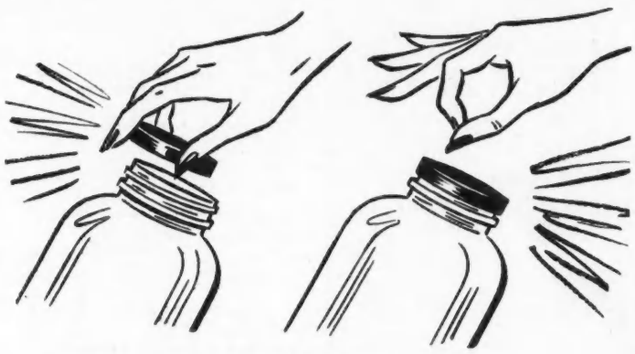
Duraglas

TRADE MARK REG. U. S. PAT. OFF.

ROUND WIDE MOUTH CONTAINERS MEET 4 VITAL "MUSTS"

1 MOISTURE-PROOF PACKAGE

Dry line products stay *dry*, in spite of bathroom humidity. Products keep in the same condition in which they were packed.



2 CLOSURES EASILY OPENED— AIRTIGHT RESEAL

Airtight resealing insures retention of original condition of the product... protects contents from caking or lumping... "hoards" the quality packed into jars.

3 ROUND WIDE MOUTH

Customers appreciate the ease of extracting contents. Manufacturers find filling time speeded up.

4 NEAT AND ATTRACTIVE PACKAGE

Duraglas ethical, matched containers are easy to handle on retail shelves and in cabinets in the home. Their "Eye Appeal" is a real sales-booster.

ENJOY FRED WARING and his Pennsylvanians every week over the Blue Network, Coast-to-Coast, in the Owens-Illinois program "Another Lift to Selling" for you. Consult your newspaper for local time and station.

25 SIZES COVER EVERY DRY PACKING NEED

Complete range of sizes from 2 cc to 128 oz. (gallon) offer a wide selection for a matched line of containers for all dry products.

OWENS-ILLINOIS GLASS COMPANY
TOLEDO 1, OHIO

Dyes, coaltar, for general uses[8] (numbers are those of Colour Index scales)—

202 Chrome blue black U..lb. .35 - .42
204 Chrome black A.....lb. .42 - .45
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
252 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .85 - .88
304 Paper yellow.....lb. .83 - .90
307 Fast cyanin black B.lb. .80 - .85
326 Direct fast scarlet...lb. 2.00 - 2.25
365 Chyrophenin G.....lb. .68 - .70
382 Direct scarlet B.....lb. 1.15 - 1.20
387 Direct violet B.....lb. 1.00 - 1.20
394 Direct violet N.....lb. .80 - .85
401 Developed black BHN. lb. .45 - .60
406 Direct blue 2B.....lb. .66 - .70
415 Direct orange B.....lb. .69 - .70
419 Direct fast red F....lb. .70 - .73
420 Direct brown M.....lb. .55 - .57
448 Benzo purpurin 4B...lb. .65 - .68
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azcrin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.20 - 1.30
520 Direct pure blue....lb. .50 - 1.00
529 Direct fast black FF.lb. .55 - 1.00
581 Direct black EW.....lb. .50 - .54
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .50 - .55
594 Direct green G.....lb. .50 - .55
596 Direct brown 3GO...lb. .95 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .70 - .73
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble). lb. .35 - .50
1177 Indigo, 20% paste...lb. .15 - .18
Benzo fast black L..lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .45 - 1.00

Dyes, coaltar, for general uses[8] (numbers are those of Colour Index scales)—

Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur tan.....lb. .30 - .50
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Black—
865 Nigrosin derivatives..lb. .36 - .44
Blue—
7075 Alizarin astral base..lb.15.00 - —
1078 Alizarin cyanin, green base..lb. 6.00 - —
Brown—
Brown .....lb. 1.15 - —
Green—
1078 Alizarin cyanin green..lb. 5.00 - —
Green .....lb. .75 - —
Orange—
24 Sudan I.....lb. .75 - —
Red shade.....lb. .75 - —
Red—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .85 - —
680 Oil violet.....lb. .50 - —
749 Rhodamine B (oil pink). lb. 2.50 - —
1080 Anthraquinone,[8] violet base..lb. 6.00 - —
Yellow—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - 2.00

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).

Black—
246 Naphthol blue black S:. lb. .50 - —
729 Victoria blue B.....lb. 1.85 - —
861 Indulin .....lb. .87 - —

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs each; lots of 25 lbs. to a barrel, 3c. per lb. higher. f.o.b. sellers' works or warehouse).

873 Methylene gray.....lb. 1.50 - —
909 New blue P.....lb. 1.20 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Blue—
714 Patent blue A.....lb. 1.05 - 1.10
Brown—
231 Bismarck brown G...lb. .47 - .62
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
332 Bismarck brown R...lb. .47 - .62
793 Phosphin .....lb. 4.65 - —
Green—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
934 Methylene green B...lb. 1.35 - —
1078 Alizarin cyanin green.lb. 2.00 - —
Orange—
10 Chrysoidin G.....lb. .44 - —
21 Chrysoidin R.....lb. .41 - —
27 Orange G.....lb. .50 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B. lb. .68 - —
151 Orange Y.....lb. .31 - .33
161 Orange R.....lb. .34 - —
Red—
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A[8].....lb. .54 - —
179 Azorubin .....lb. .60 - —
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .66 - —
252 Brilliant crocein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6B.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —

Dyes, coaltar, for stains, spirit-soluble (prices in barrels of 250 lbs each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers' works or warehouse).

Violet—
680 Methyl violet B.....lb. .70 - .75
681 Crystal violet B.....lb. 1.75 - —
696 Acid violet 4BN.....lb. .88 - —
Yellow—
10 Naphthol yellow S...lb. .88 - —
138 Metanil yellow.....lb. .56 - .58
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —

Dyes, coaltar, for stains, water-soluble (prices E. in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher, f.o.b. sellers works or warehouse).

Black—
864 Nigrosin .....lb. .36 - .44
Blue—
860 Indulin .....lb. .60 - .70
Brown—
331 Bismarck brown.....lb. 1.50 - —
Green—
657 Malachite green base.lb. 2.00 - —
Orange—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .96 - —
Red—
677 Fuchsin, magenta, base, lb. 7.25 - —
749 Rhodamine R.....lb. 4.75 - —
Yellow—
67 Amidoazotoluene yellow, lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet—
680 Methyl violet base....lb. .85 - —

Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .80 - .85
Egg[1] albumen (see Albumen).
Yolk, dried, dom., bbls.....lb. 1.12 - 1.15
imported .....lb. No stocks
Elder flowers, bright, bls.....lb. .58 - .59
Elecampane root, bls.....lb. No stocks
Elm bark, grinding, bls.....lb. No stocks
powd., bbls., bxs.....lb. No stocks
select, bndls.....lb. .55 - .60
Emetine[8] hydrochloride, bots..oz.21.00 -33.00
Ephedra, bls.....lb. .21 - .22
Ephedrine, natural, USP, anhydrous, bots..oz. 1.15 - 1.65
Hydrochloride or sulphate, tins..oz. .95 - 1.45
synthetic, USP, anhyd., bots., 100 ozs..oz. .65 - —
Hemihydrate, bots., 100 ozs., oz. .65 - —
Hydrochloride, tins, 100 ozs. or more..oz. .50 - —
Sulphate, cryst., tins, 100 ozs. or more..oz. .48 - —
Epinephrine, synth., USP, bots.. gram. .75 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., bgs., c.l..100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots .....100 lbs. 2.85 - —
dried, bgs., l.c.l.....lb. .06 - .09
Epsom salt prices are freight equalized with Balto., Carteret, N. J.; Chicago, Cincinnati, Cleveland, Houston, New Orleans, New York.
Ergot, USP, dms.....lb. 1.30 - 1.40
Eserine, bots.....oz. No prices
Sulphate, 1-gram vials.....vial. 2.10 - —
Ether, acetic (see Ethyl acetate).
Amyl (see Amyl ether).
Butyl, l.c.l., dms., divd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bot., 100 lbs..lb. .96 - 1.10
Sulphuric, conc., dms.....lb. .11 - .16
USP anesthesia, hospitals, 1-lb.cns..lb. .60 - .61
Ether, synthetic, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks .....lb. .12½- —
Ethyl acetate,[8,6] 85-90%, dms., c.l., frt. alld..lb. .1170- .1275
l.c.l., frt. alld.....lb. .1220- .1325
tanks, frt. alld.....lb. .1070- .1175
95-98%, dms., c.l., frt. alld., lb. .1225- .1330
l.c.l., frt. alld.....lb. .1275- .1380
tanks, frt. alld.....lb. .1125- .1230
NF, dms.....lb. .14½- .15½
Acetoacetate, dms., c.l., works. lb. .37½- —
l.c.l., frt. alld.....lb. .38 - —
Benzoate, bots.....lb. .90 - 1.00
Bromide, tech., dms.....lb. .50 - .55
Carbamate, dms., divd. E....lb. .58 - —
Chloride, tech., dms.....lb. .18 - .20
USP, bbls., cyl.....lb. .20 - .22
Cinnamate, cns.....lb. 3.25 - 3.35
Formate, dms., f.o.b. Agnew, Calif..lb. .26 - .32
Iodide, bots.....lb. 3.50 - 3.60
Lactate, dms., works.....lb. .33½- .39¼
Myristate, dms., works.....lb. .55 - —
Oenanthate, dms.....lb. .75 - 1.25
Oleate, dms., l.c.l., works..lb. .47 - —
Oxalate, dms., frt alld.....lb. .33 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose,[6] standard, pkgs., 5,000 lbs. or more, works.lb. .50 - —
smaller lots, same basis....lb. .53 - .60
Ethyldiethanolamine, dms., l.c.l., works..lb. .80 - —
Ethylene dichloride,[8] dms., c.l., works, E. of Rockies, frt. alld..lb. .0842- —
West of Rockies, same basis..lb. .0891- —
Ethylene dichloride, dms., l.c.l., works, E. of Rockies, same basis..lb. .0891- —
West of Rockies, same basis..lb. .0941- —
tanks, E. of Rockies, same basis..lb. .0743- —
West of Rockies, same basis..lb. .0792- —
Trichloride (see Trichloroethane).
Ethyleneglycol,[8,6] dms., c.l., frt. alld. in E..lb. .10 - —
l.c.l., same basis.....lb. .11 - —
tanks, same basis.....lb. .09 - —
Monobutylether,[6] d m s., c.l., works..lb. .17½- —
l.c.l., works.....lb. .18½- —
tanks, works.....lb. .16½- —
Monoethylether,[6] d m s., c.l., works..lb. .15¼- —
l.c.l., works.....lb. .16¼- —
tanks, works.....lb. .14¼- —
Monoethylether acetate, dms., c.l., works..lb. .13¼- —
l.c.l., dms.....lb. .14½- —
tanks, works.....lb. .12½- —
Monomethylether,[6] d m s., c.l., works..lb. .16¼- —
l.c.l., works.....lb. .17½- —
tanks, works.....lb. .15¼- —

Select Raw Materials and Prompt Delivery Assure Top Performance

As one of America's largest meat packers, Armour can choose from practically *unequalled supplies of raw materials.* This enables Armour to use the most select protein-containing bones, cartilages and hide pieces for Armour's Glue. Furthermore, these raw materials are rushed right to the processing plant. They are converted into glue *while they are fresh!*

Because of these vast resources you're assured not only of a product made with the most modern equipment, but of a scientific combination of the proper components. These components having been guaranteed by fresh raw stock whose inherent properties are preserved and utilized by prompt processing in the factory.

Better Raw Materials Mean Better Products for You

These better quality raw materials enable Armour to produce animal glue of dependable uniformity, amazing tensile strength, horn-like toughness and real permanency of life.

At present the demand for certain grades of Armour's Glue is greater than the supply. And while we may be unable to send the exact grade you want, we'll be glad to discuss your problems with a view to helping you make *more efficient use* of glue that is available.

Glue it for good with Armour's

ARMOUR *Glue* DIVISION

Manufacturers of Hide Glue, Bone Glue, Flexible Glues, Soluble Dried Blood, Blood Albumin

1355 WEST 31ST STREET, CHICAGO 9, ILLINOIS

Ethylethanolamine, d m s., c.l., works..lb. .57 - —
l.c.l., works.....lb. .60 - —
Ethylidinanilin, dms.....lb. .45 - .47½
Ethylmonoethanolamine, l.c.l., dms., works..lb. .80 - —
Ethylmorphine, hydrochloride, bots..oz.10.50 -10.75
Ethylvanillin,[1] cns., makers, primary distrib., 5 lbs. or more.lb. 5.25 - —
smaller lots.....lb. 5.30 - 5.40
Eucalyptol, cns., dms.....lb. 2.50 - 3.00
Eucalyptus leaves, bls.....lb. .10 - .19
Eugenol, cns., dms.....lb. 2.65 - 3.25
Euphorbia, bls.....lb. .12 - .13

F

Feldspar, enamel, 100 mesh, bulk, c.l., works..ton.14.00 -17.50
bgs., min., 2 tons.....ton.17.00 -20.50
glass, 20 mesh, bulk, c.l., works..ton. 9.75 -13.25
bgs., l.c.l., min. 2 tons..ton.12.75 -16.25
pottery, bulk, c.l., works...ton.17.00 -19.00
l.c.l., bgs., min. 2 tons..ton.20.00 -22.00
Fennel seed, Argentine, bgs...lb. No stocks
Indian, bgs.....lb. .16½ Nom.
Fenugreek seed, domestic, bgs.lb. .20 - .20½
Indian, bgs.....lb. No stocks
Morocco, bgs.....lb. No stocks
Ferric sulphate, anhyd., bgs., c.l., works..ton.35.00 - —
l.c.l., same basis.....ton.40.00 - —
Film scrap, colored, cs., 50 lbs. or over, works..lb. .13½- —
smaller lots, works.....lb. .15 - —
water white, cs., 50 lbs. or over, works..lb. .14½- —
smaller lots, works.....lb. .17 - —
Fir, balsam, Canada, cns.....gal.17.25 -17.50
Oregon, bbls.....gal. 2.35 - 2.50
Fishberries, bgs.....lb. .2b - .24
Fishoils (see Oil, fishliver).
Fishmeal,[1] grd., 60% protein, bgs., E. works..ton.72.50 - —
65% protein, same basis...ton.78.50 - —
Fishscrap, dried, 60% protein, bulk, East Coast..ton.66.50 - —
Flake white, bbls.....lb. .09 - —
kegs.....lb. .11 - —
Fleaseed, French type, black, bgs..lb. .62 - .64
Indian, blonde, bgs.....lb. .11½- .14
Fluorspar, No. 1, ground, 96-98% CaF_2, bulk, c.l., mines. net ton.37.00 - —
washed gravel, 70% or more CaF_2, mines..net ton.33.00 - —
65%, mines.....net ton.32.00 - —
60%, mines.....net ton.31.00 - —
less than 60%, mines..net ton.30.00 - —
Formaldehyde,[1,2,3] bbls., c.l., works..lb. .0520- —
l.c.l., works.....lb. .0570- —
dms., extra, c.l., works.....lb. .0400- —
l.c.l., works.....lb. .0510- —
tanks, works.....lb. .0320- —
tanktrucks, divd. N.Y.C.....lb. .0345- —
Fringetree bark, bls.....lb. .60 - .70
Fuller's earth, dom., powd., bgs., c.l., Fla., Ga. mines..ton. 8.50 -15.00
Tex. mines.....ton.12.50 - —
spent, bulk, Bayonne....ton. 3.00 - —
Chicago.....ton. 4.00 - —
imp., bgs., c.l.....ton.30.00 -40.00
Furfural,[3] ref., dms., c.l., works. lb. .15½- —
dms., cns., l.c.l., works..lb. .18 - .25½
tech., dms., c.l., works.....lb. .13 - —
l.c.l., dms., cns.....lb. .15½- .20½
tanks, works.....lb. .09½- —
Fusel oil, crude, dms., works.gal. .75 - —
refd., dms., divd.....lb. .18½- .19¼
Fustic, cryst., No. 1, bbls....lb. .32 - —
No. 2, bbls.....lb. .30 - —
No. 3, bbls.....lb. .28 - —
extract, No. 1, bbls.....lb. .16 - —
No. 2, bbls.....lb. .15 - —
No. 3, bbls.....lb. .12½- —

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .24 - .25
Gambier, cube, Singapore, cs.. lb. No stocks
extract, bbls.....lb. No stocks
Gasoline[1] at refinery, ex tax:—
Arkansas, US motor, 70-74 octane, tanks..gal. .03½- —
Bayonne, 70-74 oct., tanks... gal. 09075- —
Gulf Coast, US motor, 70-74 octane, tanks..gal. .05½- .06½
Group 3, 70-74 octane, tanks.. gal. .06½- .06¾
natural, 26-70, tanks....gal. .04¾- .05
Oklahoma-Texas US motor, 70-74 octane, tanks..gal. .05½- .06
Pennsylvania, western, U. S. motor, 70-74 octane, leaded, tanks..gal. .07¾- .0895
Gelatin, silver, label, ctns., divd.. lb. .90 - .97
export, cases.....lb. 1.00 - —
Silver gelatin prices 5c. higher for deliveries in Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Tex., Utah, Wash. and Wyo.
Geisemium, root, bls.....lb. .19 - .20
Gentian root, bls.....lb. .41 - .42
grd., bbls., bxs.....lb. .46 - .47
powd., bbls., bxs.....lb. .47 - .48
Geraniol, 92-96%, cns., dms...lb. 3.50 - 4.50
Ginger,[1] African, No. 1, bls...lb. No stocks
Calicut, bgs.....lb. .26½- .27
Cochin, bleached, bgs.....lb. .27½- .28
unbleached, bgs.....lb. .23½- .24
Jamaica, No. 1, bgs.....lb. .26 - .26½
No. 2, bgs.....lb. .24½- .25
No. 3, bgs.....lb. .23½- .24
Ginseng root, wild, South, cs..lb. 8.00 - 9.00
Glaubers salt, anhyd. (see Soda sulphate).
cryst., bgs., bbls., c.l., works, 100 lbs. 1.05 - 1.25
l.c.l., 5 tons up, works.... 100 lbs. 1.15 - 1.35
less than 5 tons, works. 100 lbs. 1.25 - 1.45
Glue, bone,[4] producers', calcium type, 24 millipoise, 36 jelly-grams, bgs., c.l., East of Midwest..lb. .16 - —
30/58, bgs., c.l., same basis..lb. .15½- —
58/82, bgs., c.l., same basis..lb. .17 - —
82/108, bgs., c.l., same basis..lb. .18½- —
Producers' bone glue l.c.l. prices 1c. over c.l.
Hide, producers,[1,4] 100-121 (jelly test in grams), bgs., c.l., divd..lb. .14 - .21½
123-149, bgs., c.l., divd....lb. .15 - .22½
150-177, bgs., c.l., divd....lb. .16 - .23½
178-206, bgs., c.l., divd....lb. .17 - .24½
207-236, bgs., c.l., divd....lb. .18 - .25½
237-266, bgs., c.l., divd....lb. .19 - .26½
267-296, bgs., c.l., divd....lb. .20 - .27½
299-330, bgs., c.l., divd....lb. .21 - .28½
331-362, bgs., c.l., divd....lb. .22 - .29½
363-394, bgs., c.l., divd....lb. .23 - .30½
395-427, bgs., c.l., divd....lb. .24 - .31½
428-460, bgs., c.l., divd....lb. .25 - .32½
461-494, bgs., c.l., divd....lb. .26 - .33½
495-529, bgs., c.l., divd....lb. .27 - .34½
Hide glue l.c.l. prices 1c. over c.l.; bbls., ½c. over bags.

Glycerin, crude, saponification, 80%, to refiners, tanks..lb. .11¼- —
soaplye, 80%, tanks.....lb. .10 - —
dynamite, dms., c.l.....lb. .14½- —
l.c.l.....lb. .15 - —
tanks.....lb. .14¼- —
high gravity, dms., c.l.....lb. .14½- —
l.c.l.....lb. .15 - —
tanks.....lb. .14¼- —
ref., USP, CP, 95%, dms., c.l., lb. .15½- —
l.c.l.....lb. .15¾- —
tanks.....lb. .15 - —
B.P., 98%, dms., c.l.....lb. .15¾- —
l.c.l.....lb. .16¼- —
tanks.....lb. .15½- —
yellow, distilled, dms., c.l...lb. .14¾- —
l.c.l.....lb. .14¼- —
tanks.....lb. .14½- —
Glycine, USP, bbls., tins.....lb. 1.25 - 1.30
Glycol boriborate, dms.....lb. .22 - —
Stearate, dms.....lb. .26 - —
Gold of pleasure seed, bgs....lb. No stocks
Gold chloride, acid-brown, bots. oz.20.75 -21.00
acid-yellow, bots.....lb.18.75 -19.00
Gold-soda chloride, photo., bots. oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Goldenseal, root, bls.....lb. 7.25 - 7.50
powd., bxs.....lb. 7.50 - 7.75
Grains of Paradise, bgs.....lb. .30 - .37
Graphite, conc., dom., crystalline, 80% through 50 mesh, carbon content, 65-70%, bgs., whse., basis lb. .04½- —
70-75%, bgs., same basis lb. .05 - —
75-80%, bgs., same basis lb. .06½- —
80-85%, bgs., same basis lb. .06 - —
85-90%, bgs., same basis..lb. .07 - —
90% and up, same basis..lb. .08 - —
Grease,[1,5] house, loose.....lb. .06¼- —
white, choice, loose.....lb. .08¾- —
Wool (see Adeps lanae and Degras).

Green, brilliant,[1] thioflavin toner, tungstic, kgs., works..lb. 3.75 - —
molybdic, same basis.....lb. 3.25 - —
Chrome,[1,6] CP, dark, light, medium blue content up to 5%, bbls., divd. N. of Tenn. and N. C., E. of Miss. River, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .23 - —
11-15%, bbls., same basis.lb. .25 - —
20%, bbls., same basis...lb. .25½- —
21-25%, bbls., same basis.lb. .26 - —
26-30%, bbls., same basis.lb. .26½- —
31-35%, bbls., same basis.lb. .27½- —
36-40%, bbls., same basis.lb. .29 - —
41-45%, bbls., same basis.lb. .30½- —
46-50%, bbls., same basis.lb. .33 - —
reduced color, 5%, bbls., same basis..lb. .06¾- —
9-10%, bbls., same basis.lb. .07½- —
11-13%, bbls., same basis.lb. .08 - —
14-16%, bbls., same basis.lb. .08¼- —
17-19%, bbls., same basis.lb. .08½- —
20-21%, bbls., same basis.lb. .08¾- —
22-23%, bbls., same basis.lb. .09 - —
24-25%, bbls., same basis.lb. .09¼- —
26-27%, bbls., same basis.lb. .09½- —
28-29%, bbls., same basis.lb. .10 - —
30-31%, bbls., same basis.lb. .10½- —
32-33%, bbls., same basis.lb. .12 - —
34-35%, bbls., same basis.lb. .13 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .17 - —
46-50%, bbls., same basis.lb. .17½- —
51-55%, bbls., same basis.lb. .18 - —
56-60%, bbls., same basis.lb. .18½- —
61-65%, bbls., same basis.lb. .19 - —
70%, bbls., same basis....lb. .20 - —
71-75%, bbls., same basis.lb. .21 - —
Green, chrome, prices are ½c. higher divd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¾c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher divd. Pac. Coast; for Denver, Pueblo, Salt Lake City and Wichita, prices are equalized with Chicago.

Green oxide,[6] pure, dms., works. lb. .24 - —
Malachite,[1] thioflavin toner, tungstic, bbls., works..lb. 3.50 - —
molybdic, bbls., works..lb. 3.00 - —
Phthalocyanin,[1] green toner, bbls., works..lb. 4.00 - 5.00
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.00 - —
emerald, kgs.....lb. 2.60 - —
Verdigris (see V).
Green dyes (see Dyes, green).
Grindelia robusta, bls.....lb. .18 - .19
Guaiac resin, cs.....lb. .48 - .49
Wood, bls.....lb. .05 - .06
Guaiacol, carbonate, fib. dms.lb. 2.40 - 2.74
liquid, dms.....lb. 1.75 - 2.01
Guanidin carbonate,[1] bbls., c.l., works..lb. .57 - —
smaller lots.....lb. .58 - .73½
Guarana, powd., cs.....lb. 2.00 - 2.10
Gum accroides (see Gum, yacca).
Aloe (see A).
Ammoniac, tears, cs.....lb. 1.20 - 1.25
Arabic, amber, sorts, bgs...lb. .11½- .13
white, sorts, 1, bgs.....lb. .28 - .30
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 3.00 - 3.50
Sumatra, cs.....lb. .52 - 1.00
Camphor (see C).
Copal, Congo, sorted, No. 30, bgs., c.l., ex dock or port, whse..lb. .55¾- —
31, bgs., same basis....lb. .21½- —
32, bgs., same basis....lb. .15¾- —
33, bgs., same basis....lb. .14 - —
34, bgs., same basis....lb. .09¼- —
35, bgs., same basis....lb. .15¾- —
36, bgs., same basis....lb. .12¾- —
37, bgs., same basis....lb. .18½- —
38, bgs., same basis....lb. .12½- —
39, bgs., same basis....lb. .10¾- —
40, bgs., same basis....lb. .08 - —
41, bgs., same basis....lb. .11¾- —

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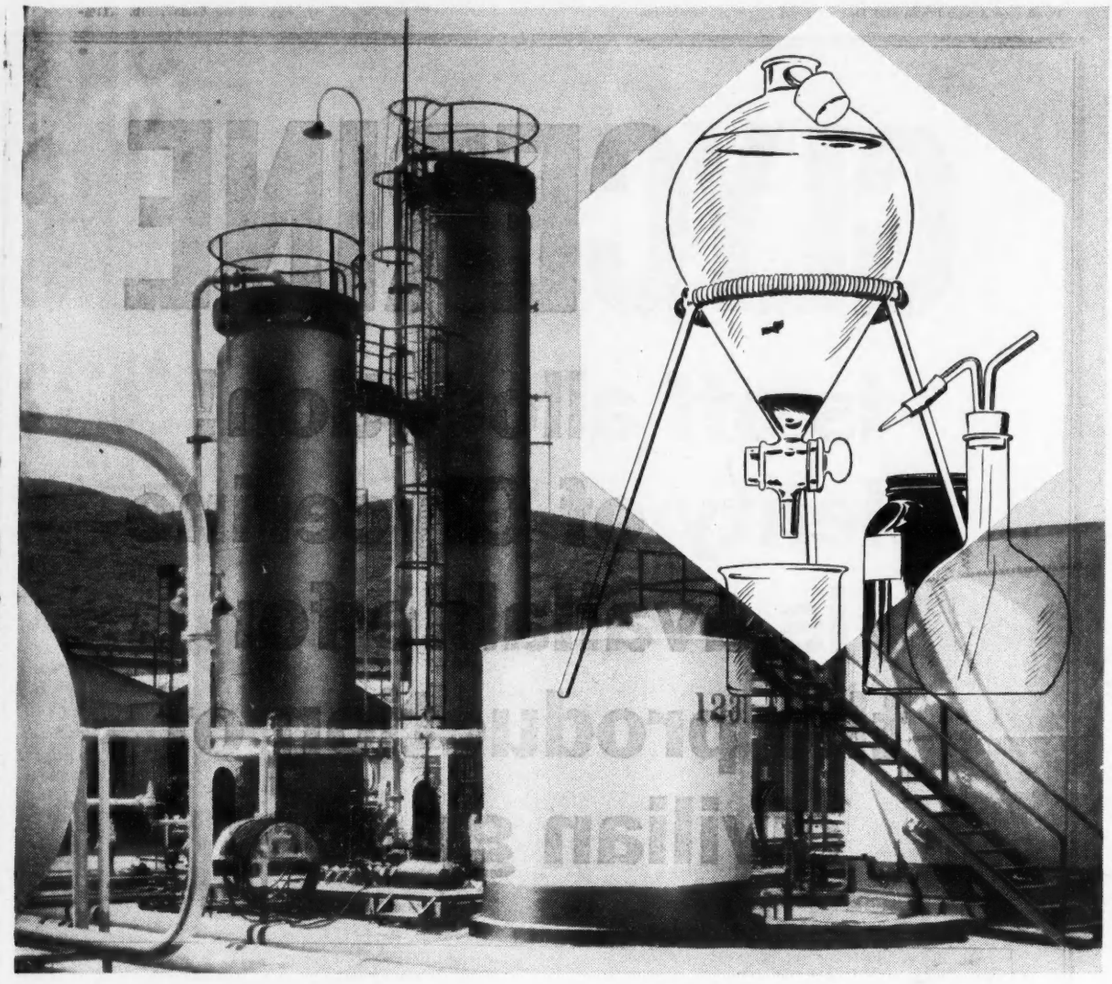
2, bgs., c.l., same basis..lb. .12½- —
3, bgs., c.l., same basis..lb. .11¼- —
FAD, bgs., c.l., same basis.. lb. .14½- —
Prices for l.c.l., ¼c. to ½c. higher than c.l.
East India,[1] batu, bold, scraped, bgs., c.l., same basis..lb. .10¼- —
unscraped, same basis..lb. .09 - —
chips, same basis....lb. .12 - —
dust, same basis....lb. .06½- —
nubs and chips, same basis.. lb. .05¾- —
black, bold, scraped, bgs., ex dock or port, whse..lb. .12 - —
unscraped .....lb. .07½- —
nubs and chips, same basis..lb. .07¼- —
pale, Hiree-Macassar,[1] bold, bgs., c.l., same basis..lb. .17⅞- —
chips, same basis....lb. .11½- —
dust, same basis....lb. .06½- —
nubs, same basis....lb. .13⅜- —
Singapore, Rasak, bold, bgs., same basis..lb. .23¾- —
chips, same basis....lb. .11⅝- —
dust, same basis....lb. .06½- —
nubs, same basis....lb. .16⅝- —
Macassar,[1] dust, bgs., c.l., same basis..lb. .07⅞- —
MA, same basis.....lb. .09¾- —
MB, same basis.....lb. .09¼- —
WS, bgs., same basis....lb. .11¾- —
Manila, Boeas,[1] hard, bold, amber, light, bakts, c.l., same basis..lb. .13½- —
dark, light, same basis.lb. .14½- —
white, same basis.....lb. .15½- —

Gum, copal, loba,[1] A, bgs., c.l., same basis..lb. .14 - —
B, same basis.....lb. .13⅝- —
C, same basis.....lb. .13⅜- —
CBB, same basis.....lb. .12 - —
CNE, same basis.....lb. .10 - —
D, same basis.....lb. .12¾- —
DBB, same basis.....lb. .11 - —
DK, same basis.....lb. .09½- —
DU, same basis.....lb. .08⅞- —
dust, same basis.....lb. .07⅝- —
MB, same basis.....lb. .09½- —
WS, same basis.....lb. .11⅝- —
Manila-Singapore,[1] white split chips, bgs., c.l., same basis .lb. .15½- —
dust, same basis.....lb. .07⅝- —
whse., entry point, c.l. lb. .08⅝- —
Philippine,[1] Manila, extra bold, pale, scraped, bakts., same basis..lb. .15 - —
sorts, same basis.....lb. .12¾- —
pale chips, bold, same basis. lb. .13 - —
nubs, WCB, same basis.lb. .13⅝- —
seeds, dust, same basis...lb. .08⅝- —
SG, same basis.....lb. .10½- —
small chips, same basis..lb. .11⅝- —
Pontianak, bold, scraped, bgs., c.l., same basis..lb. .23⅜- —
mixed, same basis.....lb. .17⅞- —
chips, small, same basis..lb. cuttings of split, same basis. lb. .12⅝- —
nubs, same basis.....lb. .19½- —
Gum copal, l.c.l., prices ¼c. to ½c. higher. .15 - —

Gum, dammar,[1] Batavia, A, cs., c.l., same basis..lb. .35¾- —
A/C, same basis.....lb. .31¼- —
A/D same basis.....lb. .28⅝- —
A/E, same basis.....lb. .25⅝- —
B, same basis.....lb. .34⅝- —
C, same basis.....lb. .28⅝- —
D, same basis.....lb. .25⅝- —
E, same basis.....lb. .18⅝- —
F, same basis.....lb. .13⅞- —
dust, same basis.....lb. .13⅞- —
Singapore,[1] No. 1, cs., c.l..lb. .30⅝- —
2, bgs., same basis.....lb. .25 - —
No. 1, 3 bgs., same basis.lb. .12⅝- —
chips, cs., same basis....lb. .23½- —
dust, bgs., same basis....lb. .15 - —
seeds, cs., same basis....lb. .17⅝- —
Gum dammar, l.c.l., prices, ¼c. to ½c. higher.
Elemi,[1] cns., c.l., ex dock or port whse. entry port..lb. .09½- .09¾
Ester, gum rosin type,[1] dms., c.l., divd., Ill., Ind., Ky., Mich., Mid.-Atl. states, N. England states, Minneapolis, N. C., Ohio, St. Louis, St. Paul, Va., W. Va..lb. .11½- —
other points, divd.....lb. .12 - —
l.c.l., divd. Ill., Ind., etc., lb. .11¾- —
other points, divd.....lb. .12½- —
Euphorbium, cs.....lb. 1.50 Nom.
Galbanum, cs.....lb. 1.60 - 1.65
Gamboge, pipe, cs.....lb. No stocks
powd., bbls.....lb. No stocks
Ghatti, bgs.....lb. .25 - .40
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .15 - .48

Gum, kauri,[1] brown, chips, extra, bgs., c.l., ex dock, whse..lb. .18 - —
80%, same basis.....lb. .16 - —
dust, same basis.....lb. .12½- —
nubs, same basis.....lb. .24 - —
No. 1, extra, same basis....lb. .34 - —
superior, same basis.....lb. .31 - —
No. 2, extra, same basis....lb. .30 - —
superior, same basis.....lb. .27½- —
No. 3, same basis.....lb. .23 - —
x, same basis.....lb. .36 - —
2x, same basis.....lb. .49 - —
3x, same basis.....lb. .77 - —
bush, assorted, same basis..lb. .35 - —
bold, same basis.....lb. .40 - —
bright, same basis.....lb. .18 - —
chips, same basis.....lb. .32 - —
dark, same basis.....lb. .18 - —
white, chips, pale, same basis. lb. .20¾- —
extra, same basis.....lb. .25½- —
dust, pale, same basis....lb. .20¾- —
extra, No. 1, same basis..lb. .43 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .30 - —
superior, No. 1, same basis.. lb. .41 - —
No. 2, same basis.....lb. .31 - —
No. 3, same basis.....lb. .23 - —
3x, same basis.....lb. .65¾- —
4x, same basis.....lb. .66 - —
5x, same basis.....lb. 1.50 - —
Gum kauri, l.c.l., prices are ¼c. to ½c. higher.
Locust bean, powd., bbls....lb. .65 - .70
Mastic, cs.....lb. 5.00 Nom.
Myrrh, cs.....lb. .50 - .60
Olibanum, siftings, cs.....lb. .11½- .13
tears, cs.....lb. .18 - .30
Opium (see O).
Red (see Gum, Yacca).
Rosin (see R).
Sandarac,[1] cs.....lb. .99½- —
Scammony, cs.....lb. 1.30 - 1.35
Talha, bgs.....lb. .10 - .12
Tragacanth, No. 1, cs.....lb. 4.50 - 5.00
No. 2, cs.....lb. 4.00 - 4.50
No. 3, cs.....lb. 2.75 - 3.00
Yacca,[1] red gum, coarse, bgs., ex dock, whse..lb. .06 - —
powdered .....lb. .07¼- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.65 - —
Harlem River, N. Y., frt. equald..ton.28.25 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.28.25 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.. ton.12.50 - —
Harlem River, N. Y., frt. equald..ton.13.00 - —
Medicine Lodge, Kansas, frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Akron, N. Y.; Blue Rapids, Kan.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, Ohio; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Piasterco, Ga.; Portsmouth, N. H.; Roton, Texas; Southard, Okla.; Sweetwater, Texas; frt. equald..ton. 8.06 - —
Saltville, Va.....ton. 9.00 - —
Terra alba, paper bgs., c.l., Harlem River, N. Y..ton.12.00 - —
New Brighton, N. Y.; Southard, Okla..ton.12.00 - —



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Hawthorn berries, bgs.....lb. .57 - .60
Heliotropin, cryst., cns.....lb. 3.75 - 4.00
Hellebore, white, powd., bbls..lb. .46 - .47
Helonias root, bls.....lb. 2.50 - 2.55
Hematine, cryst., bbls., No. 1..lb. .34 - —
No 2.....lb. .30 - —
No. 3.....lb. .28 - —
No. 4.....lb. .26 - —
No. 5.....lb. .24 - —
paste, bbls., No. 1.....lb. .14½- —
No. 2.....lb. .13½- —
No. 3.....lb. .12½- —
Hemlock bark extract,[1,4] 25% tan, bbls, c.l., works..lb. No stocks
tanks, works.....lb. No stocks
Henbane leaves, bls.....lb. .80 - .90
Henna leaves, bls.....lb. .17 - .19
powd., bbls., bxs.....lb. .22 - .35
Heptane,[1] 56°-100° C., industrial grade, dms., c.l., Group 3. gal. .12½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10 - —
77°-115°, industrial, dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....lb. .29 - —
10 gals., Group 3....gal. .65 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine,[1,4] tech., bbls., 1,000-lb. lots, Perth Amboy or N.Y.C..lb. .24 - —
smaller lots.....lb. .25 - —
USP, dms., 500 lbs. or more, same basis..lb. .35 - —
smaller lots.....lb. .36 - —
Hexane,[1] 60°-70° C., industrial grades, dms., c.l., Group 3. gal. .13½- —
l.c.l., Group 3.....gal. .19 - —
tankcars, Group 3.....gal. .10½- .11
laboratory grade, dms., c.l., Group 3..gal. .18 - —
l.c.l., Group 3.....gal. .29 - —
10 gals., Group 3....gal. .85 - —
Hexanol, dms., l.c.l., works...lb. .25 - —
Homatropine hydrobromide, bots. os.37.50 -42.00
Hoofmeal, 17-18% ammon., bulk, Chicago..unit. 4.50 - 4.75
Hops, NF, bls.....lb. .56 - 1.50
Horehound, bls.....lb. .10¾- .12
Hydrangea, root, bls.....lb. No prices
Hydrastine, bots.....os.20.00 - —
Hydrochloride, bots.....os.20.00 - —
Sulphate, bots.....os.29.00 - —
Hydrastinine, 10 grs., bots....bot. 1.95 - —
Hydrastics (see Goldenseal).
Hydrofuramide, dms., fb., cns., works..lb. .30 - .40
Hydrogen peroxide,[4] USP, bbls. lb. .03¾- .04
100 vols., cbys., E. of Miss. River, West Coast via Panama Canal..lb. .15½- .18
Hydroquinone, bbls., dms.....lb. .90 - .94
Hydroxycitronellal, cns.....lb. 8.50 - 9.00
dms., extra, ret'able, divd...lb. 4.50 - —

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Oronite Waterproofing Compound
Oronite Polybutenes
Caladorant* (Natural Gas Odorant)
Oronite Cresylic Acids
Oronite Naphthenic Acids
Oronite Aliphatic Acids
Oronite Sodium Sulfonates
Oronite Wetting Agents
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Hyoscyamine, bots.....oz.16.00 -20.00
Hydrobromide, bots.....oz.16.00 -20.00
Sulphate, bots.....oz.16.00 -20.00
Hypernic, cryst., bbls., No. 1..lb. .42 - —
No. 2.....lb. .34 - —
extract, bbls., No. 1.....lb. .24 - —
No. 2.....lb. .16 - —

I

Icthammol, N. F., bots.....lb. 2.45 - —
Indian red (see Red, Indian).
Indigo, nat., chests.....lb. 2.14 - 2.30
synth., paste, bots.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.23.00 -24.00
Insect flowers (see Pyrethrum).
Iodine, crude, 25-lb. jars....lb. 1.07 - —
150-lb. kgs., net.....lb. 1.28½- —
resubl., 5-lb. bots., jars.....lb. 2.00 - 2.10
Iodoform, 100-lb. dms., kgs....lb. 3.95 - 4.10
jars .....lb. 4.20 - —
Ipecac[6] root, bgs.....lb. No prices
powd., bgs.....lb. No prices
Irish moss, ordinary, bls.....lb. .29 - .28
powd., 80-90 mesh, bbls...lb. .32 - .33
prime bleached, bls.....lb. .35 - .40
powd. .....lb. .40 - .50
Iron acetate, liquor, bbls., c.l., dlvd..lb. .17 - —
l.c.l., dlvd.....lb. .18 - —
solut., USP IX, 100-lb. cbys.lb. .17 - —
50-lb. djns.....lb. .18 - —
Chloride (ferric), tech., anhydr., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. lb. .03½- .04
kgs., works, frt. alld..lb. .04 - .04½
USP X, cryst., lump, bbls..lb. .07½- —
dms. .....lb. .08½- —
solut., NF, cbys., works, frt. alld. or equald..lb. .06¾- .07½
djns. .....lb. .10 - —
Citrate, USP VIII, gran., dms. lb. .70 - .75
powd., cns.....lb. .84 - .87
Glycerophosphate, bbls., 1,000-lb. lots..lb. 3.30 - —
100-lb. lots.....lb. 3.40 - —
cns., 25 lbs.....lb. 3.52 - —
Hypophosphite, bbls., dms...lb. 1.50 - 1.52
Iodide, bots.....lb. 3.18 - 3.32
syrup, bots., cbys.....lb. .39 - .53
Naphthenate,[6] 6% Fe, 50-gal. dms..lb. .15 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, gran., dms.....lb. .83 - .85
powd., cns.....lb. .52 - —
kgs. .....lb. .47 - .49
Oxide, black (see Black, iron oxide).
Phosphate, ferric, NF, gran., cns..lb. .54 - .57
Pyrophosphate, gran., cns...lb. .59 - .62
Reduced, 90%, kgs.....lb. .65 - .75
Resinate, 7.4% Fe, 100-lb. dms. lb. .17½- —
Sulphate, tech. (see Copperas and Ferric sulphate).
USP, cryst., bbls., dms.....lb. .05½- .11
Tallate, 4% Fe, 50-gal. dms..lb. .10¼- —
Iron-ammonia citrate, brown, green, gran., pearls, dms.lb. .33 - .38
scales, dms.....lb. .49 - .52
Oxalate, bbls.....lb. .23½- —
dms., kgs.....lb. .25½- .26½
Iron-soda oxalate, bbls., dms..lb. .23½- .26½
Isobornyl acetate, cns., works.lb. .85 - 1.00
Isobutyl acetate,[6] dms., works.lb. .0860- —
tanks, works.....lb. .0760- —
Propionate, dms., works.....lb. .102 - —
Isoeugenol, cns., works.....lb. 4.05 - 4.25
Isopentane, dms., works.....lb. .45 - .55
Isophorone, dms., works.....lb. .25 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate,[6] dms., c.l., E. of Rockies, frt alld..lb. .11 - —
l.c.l., E. of Rockies, frt. alld..lb. .11½- .12
tanks, E. of Rockies, frt. alld. lb. .10 - —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .06 - —
l.c.l. .....lb. .06½- —
tanks .....lb. .04½- —
Isopropylamine, dms., works..lb. .35 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .37 - .38
powd., bbls., bxs.....lb. .44 - .45
Resin, lump, cns.....lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, dom., bgs....lb. .70 - .85

K

Kamala, tins.....lb. .40 - .45
Kaolin (see China clay).
Kava kava root, bls.....lb. .23 - .24
Kerosene at refinery:—
Ark., 41-43 w.w., bulk, tanks. gal. .04½- .04¼
Bayonne, 41-43 w.w. tank... gal. .071 - —
Gulf ports, 41-43 w.w., bulk, gal. .04¼- .04½
Okla.-Tex., 42-44 w.w., tanks. gal. .04⅝- .04¾
Penn., 45 w.w., tanks....gal. .065 - .0755
46 w.w., tanks.....gal. .0775- .0895
San Francisco, tanks.....gal. .11½- —
Kola nuts, bgs.....lb. .09 - .10

L

Lady slipper root, bls.....lb. 1.40 - 1.55
Lanolin (see Adeps lanae).
Lard,[1,6] pure, ref., trcs.....lb. .1522½- —
Chicago .....lb. .1455- —
Larkspur seed, bgs.....lb. 3.25 - 3.50
Laurel berries, bls.....lb. .25 - .26
Laurel leaves, Cyprus, bls....lb. .25 - .26
Greek, bls.....lb. No stocks
Portuguese, bls.....lb. .17½- .18½
Turkish, bls.....lb. .30 - .31
Lavender flowers, medium, bls.lb. .80 - —
ordinary, bls.....lb. .45 - .50
select, bls.....lb. .90 - .95
Lead,[1,6] (metal) (see paint market).
Acetate,[1] white, broken, bbls.lb. .12½- —
cryst., bbls.....lb. .12½- —
gran., powd., bbls.....lb. .13¼- —
Arsenate,[1,6] paste, standard, cns., c.l..lb. .05¾- .06
l.c.l. .....lb. .06 - .06½
powder, basic, 3-lb. bgs. or larger, c.l..lb. .11½- .12
l.c.l. .....lb. .12 - .12½
1-lb. ctns., c.l.....lb. .18½- .22½
l.c.l. .....lb. .19 - .23
standard, 3-lb. bgs. or larger, c.l..lb. .11 - .11½
l.c.l. .....lb. .11½- .12
1-lb. bgs., c.l.....lb. .16 - .20
l.c.l. .....lb. .16½- .20¼
1-lb. ctns., c.l.....lb. .18 - .22
l.c.l. .....lb. .18½- .23¼
½-lb. ctns., c.l.....lb. .21 - .25
l.c.l. .....lb. .21½- .25½

Inside column is maximum OPA prices for manufacturers or distributors; outside column for all other purchasers. Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 36 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Lead, blue, basic sulphate, bbls., c.l., dlvd. E..lb. .07½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev. N. M., Ore., Utah, Wash., Wyo..lb. .07¾- —
l.c.l., dlvd. E.....lb. .07¾- —
Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo..lb. .08 - —
Carbonate (see Lead, white).
Chloride, fib. dms.....lb. .49 - —
Iodide, NF V, powd., bots..lb. 2.80 - —
jars .....lb. 2.69 - —
Linoleate, pale, precip., bbls.lb. .22½- —
Metallic paste, works.....lb. .19¾- .21½
Naphthenate, 24%-30% Pb 50-gal. dms..lb. .14½- .17½
Nitrate, bbls.....lb. .12½- —
Oleate, bbls.....lb. .17¾- —
Peroxide, powd., tech., bbls..lb. .33 - —
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .09¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¼- —
Lead, red, dry, 95% Pb_3O_4, bbls., l.c.l., Colo., Mont., N. Mex., Wyo..lb. .10 - —
other points.....lb. .09½- —
smaller lots, Ala., etc. lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
97% Pb_3O_4, bbls., c.l., dlvd. Ala., etc..lb. .09½- —
other points.....lb. .09¼- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10½- —
Colo., etc.....lb. .10¼- —
other points.....lb. .09¾- —
smaller lots, dlvd. Ala. lb. .10¾- —
Ariz., etc.....lb. .11 - —
Colo., etc.....lb. .10¾- —
other points.....lb. .10¼- —
98% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .09¾- —
other points.....lb. .09½- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¾- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
smaller lots, dlvd. Ala., etc..lb. .10½- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
in oil, 95% min., kgs.....lb. .14 - —
Resinate, precip., 23.3% Pb., 160-lb. dms..lb. .17½- —
Silicate, bgs.....lb. .0730- .0780
Soyate, 26.15% Pb., 50-gal. dms. lb. .22¼- —
Stearate, bbls.....lb. .31 - .33
Sulphate (see Lead, white, basic sulphate).
Lead tallate, 10% Pb., 60-gal. dms..lb. .08¼- —
Titanate, bgs., bbls., c.l., works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delivery, E., frt. alld..lb. .11¼- —
Pac. Cst., ex whse..lb. .11½- —
smaller lots, E. frt. alld. lb. .11¼- —
Pac. Cst., ex whse..lb. .11¾- —
White, basic carbonate, dry, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo..lb. .08½- —
dlvd., other points..lb. .08¾- —
l.c.l., dlvd. Ariz., etc..lb. .09¾- —
other points.....lb. .09¼- —
basic sulphate, dry, bbls., c.l., dlvd. Ariz., etc..lb. .07½- —
other points.....lb. .07¾- —
l.c.l., dlvd. Ariz., etc..lb. .08 - —
other points.....lb. .07¼- —
in oil, consumers, kgs.....lb. .13¼- .13¾
dealers, 100-lb. kg.....lb. .11¼- .11¾
painters, 100-lb. kg.....lb. .12¾- .12¾
Lecithin, edible, dms., c.l.....lb. .25½- —
l.c.l. .....lb. .26½- .45
in cocoa butter, dms., c.l..lb. .39½- —
l.c.l. .....lb. .40¾- .59
pure vegetable, bots., 100-lb. lots..lb. 2.75 - —
tech., dms., c.l.....lb. .25½- —
l.c.l. .....lb. .26½- .45
Lemon peel, bls.....lb. .30 - .35
Licorice extract, mass, cns....lb. .25 - .72
powd., bbls.....lb. .60 - .88
root, natural, Indian, bls.....lb. .12 - .14
powder, bbls.....lb. .18 - .20
Russian, bls.....lb. .12 - .13
Spanish, bls.....lb. .12 - .13
Lignin extract, tanning grade, bgs., c.l., works..lb. .04 - —

LANOLINE

Anhydrous U. S. P. Hydrous
Technical

★

WOOLGREASE

Refined Neutrals
All Grades

ROWAG

BEESWAX

Sunbleached U. S. P. Yellow

ROBINSON WAGNER CO.

MANUFACTURERS AND REFINERS

110 E. 42nd St. New York 17, N. Y.

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.—
Adams, Mass.....ton. 8.00 - —
Annville, Pa.....ton. 7.50 - —
Bellefonte, Pa.....ton. 7.50 - —
Berkley, W. Va.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Martinsburg, W. Va.ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Riverton, Va.....ton. 7.00 - —
Rippiemead, Va.....ton. 7.00 - —
Rockland, Me.....ton. 8.00 - —
San Francisco, Cal...ton.13.00 - —
Scioto, Ohio.....ton. .650 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton 9.00 - —

Lime, hydrated, paper bags, f.o.b.
Adams, Mass..ton. 9.00 - —
Annville, Pa.....ton. 9.00 - —
Bellefonte, Pa.....ton. 9.00 - —
Berkley, W. Va.....ton. 9.00 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 9.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 9.00 - —
Hannibal, Mo.....ton. 9.00 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton, 8.50 - —

Lime, hydrated, Limedale, Ark., ton. 9.00 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va.ton. 9.00 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D...ton.12.00 - —
Rippiemead, Va.....ton. 9.00 - —
Rockland, Me.....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 9.00 - —
York, Pa.....ton. 9.00 - —

spray, paper bgs., f.o.b., Adams, Mass..ton. 9.50 - —
Annville, Pa.....ton. 9.50 - —
Bellefonte, Pa.....ton. 9.50 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton.10.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Lime Crest, N. J....ton. 9.00 - —
Ohio .....ton.11.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.50 - —

Lime salts (see Calcium).
Lime-ammonia-nitrogen,[8] 20.5% N (See Ammonia, Nitrate, Limestone).
Linalool, cns.....lb. 6.75 - 7.00
Linalyl acetate, cns.....lb. 3.25 - 8.75
Linden flowers with leaves, bls.. lb. .90 - 1.00
Linseed meal,[1] 34%, sulk, c.l.ton.45.00 - —
32%, bulk, c.l.....ton.43.00 - —
Litharge, com'l, powd., bbls., c.l., divd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore., and Wash..lb. .08¼- —
other points.....lb. .08 - —

Litharge, com'l, powd., bbls., l.c.l., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash. lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
Other points.....lb. .08½- —
smaller lots, divd., Ala., etc..lb. .09¾- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
Other points.....lb. .09 - —
Rockland, Me.....ton.10.00 - —
Lithium bromide, bbls., 100 lbs., works, frt. equald..lb. 1.90 - —
smaller lots, works.....lb. 1.92 - 1.95
Carbonate, NF., 250-lb. bbls., kgs..lb. 1.25 - 1.30
Chloride, jars.....lb. 1.65 - 1.70
Citrate, bbls., dms., kgs.....lb. 1.40 - 1.45
Fluoride, bbls......lb. 2.45 - 2.60
Hydroxide, jars.....lb. 1.25 - 1.40
Iodide, 5-lb. bots.....lb. 5.20 - —
25-lb. jars.....lb. 5.05 - —
Stearate, fib. dms., 8 tons, works..lb. .50 - —
Lithopone,[1] ordinary, bgs. (20 tons)..lb. .04¼- —
smaller lots.....lb. .04½- —
bbls., c.l. (20 tons).....lb. .04½- —
smaller lots.....lb. .04¾- —
titanate,[6] (high-strength), bgs., c.l..lb. .0560- —
smaller lots.....lb. .0585- —
bbls., c.l.....lb. .0585- —
smaller lots.....lb. .0610- —
Lithopone, c.l., divd. Pac. Cst., ¼c. higher; l.c.l., ex whse. Pac. Cst., ½c. higher.
Liverwort leaves, bls.....lb. .85 - .90

Lobelia herb, bls.....lb. 1.00 - 1.05
Lobeline sulphate, bots., wks.oz.25.50 -38.00
Logwood, cryst., No. 1, bbls...lb. .28 - —
No. 2, bbls.....lb. .26 - —
extract, liquid, No. 1, bbls..lb. .14 - —
No. 2, bbls.....lb. .13 - —
No. 3, bbls.....lb. .12½- —
No. 4, bbls.....lb. .10 - —
solid, No. 1, bxs.....lb. .23½- —
No. 2, bxs.....lb. .21½- —
Lovage (ligusticum actae folium) root, dom., bls..lb. 1.20 - 1.50
Lupulin, NF, tins.....lb. 8.00 -10.00
Lycopodium, USP, cs.....lb. 2.75 - 3.00

M

Mace,[1] Amboyna, cs.....lb. .77 - .78
Banda, cs.....lb. .98 Nom.
West Indian, bgs.....lb. .62 - .63
broken, bgs.....lb. .55 - .56
Madder, Dutch, bbls.....lb. .24 - .30
Magnesia arsenate,[1,6] dms.....lb. .153 - .18
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
Zone 2, c.l., bgs.....lb. .06¾- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls.....lb. .08¼- —
kgs.....lb. .09½- —
USP, Zone 1, c.l., bgs.....lb. .08 - —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls.....lb. .09½- —
kgs.....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .06¾- —
bbls.....lb. .06½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .08¼- —
bbls.....lb. .09¼- —
kgs.....lb. .10¼- —

Magnesia carbonate:—Zone 1—Conn., Del., D. of C., Md., Mass., N. J., N. Y., Pa. and R. I. Zone 2—Balance of U. S. Frt. alld. Phillipsburg, Plymouth Meeting and Valley Forge. Freight allowed on l.c.l. incl., divd. storedoor.

Chloride, anhyd., bbls., divd..lb. .12¾- —
flake, bbls., c.l., works....ton.32.00 - —
l.c.l., works.....ton.39.00 -42.00
Fluoride, bbls.....lb. .40 - .50
Hydroxide, med., bbls., dms., kgs..lb. .29 - .30
Hypophosphite, cns.....lb. 1.45 - —
Laurate, bbls.....lb. .33 - .35
Oxide (see Magnesia, calcined).
Peroxide, 15%, dms., works...lb. 1.00 - 1.35
Phosphate, tribasic, USP, bbls., lb. .60 - —
Silicate (see Talc).
Silicofluoride, bbls.....lb. .08 - .09
Stearate, bbls.....lb. .31 - .32
Sulphate (see Epsom salt).
Magnesia trisilicate, dms., 1,000-lb. contracts..lb. .37 - —
smaller lots, dms.....lb. .42 - —
Magnesite, cal., powd., bags, f.o.b. mines, Calif..ton.58.75 - —
dead-burnt[1] bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -32.00
Maleic anhydride[6] drs., c.l.....lb. .25 - —
l.c.l.....lb. .26 - —
Malva flowers, black, bls.....lb. No stocks
blue, bls.....lb. No stocks
Leaves, bls.....lb. .38 - .40
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .23 - .25
Manganese acetate, dms.....lb. .25½ —
Arsenate,[6] bgs.....lb. .12 - .12¾
Borate, tech., bbls.....lb. .16 - .18
Carbonate, bbls.....lb. .19 - —
Chloride, anhyd., bbls.....lb. .15 - .18
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works ton.74.00 - —
5-15 tons, works..ton.77.00 - —
smaller lots, works.ton.82.00 - —
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
l.c.l., 5 tons, works..ton.77.00 - —
smaller lots, works..ton.82.00 - —
burlap bgs., c.l., works, ton.71.75 - —
l.c.l., 5 tons, works..ton.74.75 - —
smaller lots, works..ton.79.75 - —
paper bgs., c.l., works..ton.70.00 - —
l.c.l., 5 tons, works..ton.73.00 - —
Glycerophosphate, bgs., bbls., 1,000-lb. lots..lb. 3.05 - —
100-lb. lots.....lb. 3.15 - —
cns., 25 lbs.....lb. 3.27 - —
Hydrate, bbls., divd.....lb. .26 - —
Iodide, bots., 5 lbs.....lb. 5.70 - —
jars, 25 lbs.....lb. 5.55 - —
Linoleate, liquid, 4%, dms...lb. .20 - —
solid, precip., 8.2%, bbls...lb. .22 - —
Naphthenate, 6% Mn, 50-gal. dms., gal. .16 - —
Resinate, fused, 3½%, bbls..lb. .09 - .10½
precip., dms.....lb. .14½- .15½
Soyate, 8.2% Mn, 50-gal. dms. lb. .22 - —
Sulphate, anhyd., dms., works. lb. No stocks
feed grade, 77-80%, bgs....lb. .04 - .05
fertilizer, 65%, $MnSO_4$, bgs., c.l., divd. East..ton.59.50 - —
l.c.l., bgs., same basis or f.o.b. Balto. and Cincinnati..ton.68.50 - —
industrial grade, 80%, $MnSO_4$, bgs..lb. .05 - .05¾
Tallate, 4% Mn, 50-gal. dms.lb. .09 - —
Mangrove bark, E. Afr., if and when available, bgs., based on freight $18, insurance $1 per ton. Any difference for buyers' account..ton.65.00 -68.00
Manna flake, cs.....lb. No stocks
Mannitol,[6] com'l grade, bbls., works..lb. .35 - .40
reagent grade, 50-lb. cs. or multiples, works..lb. .35 - —
Manure, sheep, bgs., c.l., Midwest shipping points..ton.14.50 -20.00
kiln-dried, bgs., c.l., f.o.b. Chicago..ton.17.50 -25.00
Marjoram, Argentine, bls....lb. .29 - .30
California, French type, bls., f.o.b. Pacific Coast..lb. .45 - .46
Chilean, bls.....lb. .25 - .26
Matico leaves, bls.....lb. .22 - .29
Menadione, USP, bots.....gram. .10 - —
Menthol, tech., synth., cns...lb. 5.00 - 6.00
USP,[1] natural, cns.....lb.13.50 -14.00
synth., cns.....lb.13.00 - —
racemic, cns.....lb. 8.60 - 9.15
Menthyl salicylate, tins.....lb. 3.00 - 3.10
Mercurial ointment, USP, mild, 10% tubs..lb. .70 - .72
30%, pails.....lb. 1.19 - 1.21
50%, pails.....lb. 1.54 - 1.56
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride[2] (see Corrosive sublimate).
Bisulphate,[2] dms.....lb. 2.15 - 2.17
Chloride,[2] (see Calomel).
Cyanide,[2] cryst., powd.....lb. 3.34 - —
Iodide,[2] red, NF, dms., kgs.lb. 3.90 - —
yellow, fib. dms., kgs.....lb. 4.00 - —
Nitrate ointment (see Citrine ointment).

ON CONSTANT GUARD

Against the enemies ...of your products

Will absorbed moisture—or evaporation—damage your packaged products? Is there possibility of your products absorbing foreign odors while in storage or in transit? Or of losing their natural, desirable aroma? Is sifting a problem? Or vermin? Or contamination?

If the answer is "yes" to any of these questions, and if your products are in powdered, granular, crystal or lump form, then Bemis Waterproof Bags are just what the doctor ordered. They give full protection against all these enemies of your products.

How will you know what particular type of bag your products require?

That's one of the tasks of the Bemis Shipping Research Laboratory. With specially designed equipment, chemists and research specialists determine what bag materials and constructions should go into each job.

Almost as important as top protection for your products are the major money savings you enjoy. Bemis Waterproof Bags cost less than other containers giving comparable protection. Further, they save storage space on both empty and filled bags—they speed up filling, closing and handling time—they save on shipping costs—and frequently reduce damage claims.

Send the coupon today for the interesting booklet—"A Guide to More Efficient Shipping." Then, if you wish, one of our representatives will call on you to discuss your packaging requirements. No obligation, of course.

1. **An inside layer of flexible creped kraft paper impregnated with...**
2. **a layer of waterproof adhesive that also seals the interstices in the...**
3. **outside layer of tough, closely woven fabric and cements both layers together.**

The outer fabric may be either cotton or burlap. The kind of bonding adhesive depends upon the commodity to be packed. One or more linings of paper and adhesive may be incorporated depending upon the protection needed. Bag seams may be cemented or sewn.

THEY'RE TAILOR-MADE TO YOUR JOB

WATERPROOF DEPARTMENT

BEMIS BRO. BAG CO.

ST. LOUIS · BROOKLYN

BEMIS BRO. BAG CO., 408-A Pine St., St. Louis 2, Mo.; 5122 Second Ave., Brooklyn, N. Y.

Please send your special booklet, "A Guide to More Efficient Shipping," and details about use of Bemis Waterproof Bags for _____ (PRODUCT)

Firm Name _____

Street Address _____

City _____ *State* _____

Mark for the attention of _____

Mercury, oxide,[2] NF (see Red, precipitate).
tech. (see Red, mercury oxide)
yellow, NF VI, fib. dms..lb. 2.34 - 2.36
red,[2] NF (see Red, precipitate).
tech. (see Yellow, mercury oxide).
Mercury and chalk,[2] 5-lb. cans..lb. 1.49 - 1.54
dms. .....lb. 1.42 - 1.44
Mesityl oxide, dms., c.l., divd..lb. .11½- —
l.c.l., divd.....lb. .12 - —
tanks .....lb. .10½- —
Metal leaf, composition, 5½x5½ in..pkg. 3.00 - —
Gold X+, deep, 23, 3⅜x3⅜ in., pkg.15.00 - —
Silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .70 - —
Methanol,[1,3,6] natural, all grades, dms., c.l., E. of Miss. R., gal. .63 - .66
l.c.l., same basis.....gal. .73 - .76
tanks, same basis.....gal. .60 - —
Inside prices on natural methanol are drums extra; outside drums included. Prices W. of Miss. R. 3c. higher.
synthetic, dms., c.l., Zone 1, frt. alld..gal. .31 - —
2, frt. alld. or divd...gal. .34 - —
3, frt. alld.....gal. .38 - —
4, frt. alld.....gal. .38 - —
l.c.l., Zone 1, frt. alld. or divd..gal. .36 - —
2, frt. alld.....gal. .43 - —
3, divd. S. F. and L. A., gal. .41 - —
4, frt. alld. or divd...gal. .51½- —
tanks, Zone 1, frt. alld...gal. .24 - —
2, frt. alld.....gal. .27 - —
3, frt. alld.....gal. .29 - —
4, frt. alld.....gal. .29 - —
Synthetic methanol zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb., N. H., N. J., N. Y., N. C., O., Pa., R. I., S. C., Tenn., Vt., Va., W. Va., and Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., N. Mex., N. Dak., Okla., S. Dak., Tex., and Wyo. Zone 3—Los Angeles and San Francisco. Zone 4—Ariz., Calif. (with exception of Los Angeles and San Francisco), Ida., Mont., Nev., Ore., Utah, and Wash. Buyers in Zone 4 have the option of buying at the delivered Zone 4 price or at the Zone 3 price, f.o.b. Los Angeles and San Francisco.
Methyl abietate, dms., c.l., divd., lb. .0722- —
l.c.l., 10-dm. lots, divd...lb. .0847- —
single dms., divd.....lb. .0947- —
smaller cont., divd.....lb. .1447- —
hydrogenated, dms., c.l., divd., lb. .1122- —
l.c.l., 10-dm. lots, divd...lb. .1247- —
single dms., divd.....lb. .1347- —
smaller cont., divd.....lb. .1847- —
Acetate, CP, 97-99%, dms., c.l., E. of Miss..lb. .10½- .12
W. of Miss.....lb. .11½- .12
l.c.l., E. of Miss.....lb. .11 - .14
W. of Miss.....lb. .12 - .13½
tanks, E. of Miss.....lb. .09½- —
W. of Miss.....lb. .10½- —
tech., dms., c.l., E. of Miss., lb. .07 - .09
W. of Miss.....lb. .08 - —
l.c.l., E. of Miss.....lb. .07½- .11
W. of Miss.....lb. .08½- .10¼
tanks, E. of Miss.....lb. .06 - —
W. of Miss.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..gal. .29½- —
Acetone, natural, Group A, dms., c.l., E. of Miss., frt. alld..gal. .66 - —
l.c.l., same basis.....gal. .76 - —
tanks, same basis.....gal. .60 - —
Natural methyl acetone quoted dms., included by Group A. Prices W. of Miss. R., 3c. per gal. higher.
Group B, dms., c.l., Zone 1, frt. alld..gal. .63 - —
Zone 2, same basis.gal. .65 - —
Zone 3, same basis.gal. .67 - —
Zone 4, same basis.gal. .69 - —
l.c.l., Zone 1, same basis, gal. .66 - —
Zone 2, same basis.gal. .83 - —
Zone 3, same basis.gal. .70 - —
Zone 4, same basis.gal. .83 - —
tanks, Zone 1, same basis, gal. .60 - —
Zone 2, same basis.gal. .62 - —
Zone 3, same basis.gal. .64 - —
Zone 4, same basis.gal. .84½- —
Natural methyl acetone quoted drums extra by Group B. Sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3—Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4—Ariz., Cal., Idaho, Mont., N. Mex., Nev., Ore., Utah, Wash.
synthetic, dms., c.l., Zone 1. gal. .51 - —
Zone 2.....gal. .52 - —
Zone 3.....gal. .53½- —
Zone 4.....gal. .54½- —
l.c.l., Zone 1.....gal. .54½- —
Zone 2.....gal. .57 - —
Zone 3.....gal. .58 - —
Zone 4.....gal. .59½- —
tanks, Zone 1.....gal. .43 - —
Zone 2.....gal. .44½- —
Zone 3.....gal. .45½- —
Zone 4.....gal. .45½- —
Synthetic methyl acetone sales zones are:—Zone 1—Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis., Zone 2—Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo. Zone 3—Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash. Zone 4—Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.
Alcohol (see Methanol).
Anthranilate, 100-lb. lots....lb. 2.20 - 2.50
25-lb. lots, bots.....lb. 2.35 - 2.65
Benzoate,[6] ctns.....lb. .70 - 1.10
Bromide, cns.....lb. .75 - .80
cyls. .....lb. .65 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
50 to 400 lbs., cyl. mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, lb. .40 - —
tanks, multi-unit, machine mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .36 - .40
Methyl chloride quotations are spot or contract, ship. point. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders, uniformly 10c. per pound higher.

Methyl cinnamate, cns.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Lactate, dms., c.l., divd.....lb. No stocks
Iodide, bots.....lb. 4.00 - 4.15
tech., c.l., works.....lb. .23 - —
l.c.l., works.....lb. .23½- .24½
Oleate, dms., l.c.l.....lb. .35 - —
Salicylate,[1] 500-lb. dms.....lb. .35 - —
25-50 lbs.....lb. .37 - .38
Methylamyl ketone, dms., cns., works..lb. .25 - .28
Methylcellulose, specl., vis. (4,000 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .60 - —
100 to 1,999 lbs., frt. alld.lb. .65 - —
1 to 99 lbs., works.....lb. .70 - —
standard vis. (15-1,500 cps.), fib. ctns., 2,000 lbs. or more, frt. alld..lb. .53 - —
100 to 1,999 lbs., frt. alld. lb. .58 - —
1 to 99 lbs., works.....lb. .63 - —
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98-100%, dms., works..lb. No stocks
Methylene blue, USP, kgs.100 lbs. 2.00 - 2.15
cns., 5 lbs.....lb. 2.35 - —
Chloride, refrig., dms., wks..lb. .18 - .26
solvent, dms., works.....lb. .12 - .15
Methylethyl ketone,[6] dms., E. of Rocky Mts..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
tanks, same basis.....lb. .08 - —
Methylhexyl ketone, dms., tech., works..lb. .60 - —

Methylisobutyl ketone,[6] dms., c.l., divd..lb. .12½- —
l.c.l., divd.....lb. .13 - —
tanks, divd.....lb. .11½- —
Methylnaphthyl ketone, cryst., cns..lb. 3.00 - 3.10
Methylpentanediol, com'l, dms., l.c.l., works..lb. .20 - —
Mica, dry grd.,[1] roofing, white, 20 mesh, bgs., c.l., f.o.b. works..ton.27.50 - —
l.c.l. .....ton.32.50 - —
30-31 mesh, bgs., c.l..ton.27.50 - —
l.c.l. .....ton.32.50 - —
40-45 mesh, bgs., c.l..ton.27.50 - —
l.c.l. .....ton.32.50 - —
80 mesh, bgs., c.l....ton.35.00 - —
l.c.l. .....ton.38.00 - —
paint, plastic, 100 mesh, c.l., bgs..ton.40.00 - —
l.c.l. .....ton.43.50 - —
wet-grd.,[1] biotite, c.l., bgs..lb. .03¾- —
l.c.l. .....lb. .04½- —
1,000 mesh, bgs., c.l.....lb. .03¾- —
l.c.l. .....lb. .04¼- —
white, 1,000 mesh, bgs., c.l.lb. .05¾- —
l.c.l. .....lb. .06¼- —
paint or lacq., c.l., bgs....lb. .04¾- —
l.c.l. .....lb. .05¼- —
rubber, c.l., bgs.....lb. .04½- —
l.c.l. .....lb. .05 - —
wallpaper, bgs., c.l.....lb. .04¾- —
l.c.l. .....lb. .05¼- —
Mica, dry grd., quotec works; wet grd. and 1,000-mesh mica in carload lots is frt. alld. E.; less carload lots ex whse. or frt. alld. E. Prices of the wet grd. are ½c. per lb. higher W. of Miss. R. and 1c. per lb. higher W. of Rockies.

Milk powder, skimmed,[1] roller, bulk, Zone A, bbls..lb. .12½- —
Zone B.....lb. .12¾- —
spray, bbls., bulk, Zone A..lb. .14½- —
Zone B.....lb. .14¾- —
Milk powder Zones are:—Zone A, all States not included in Zone B. Zone B., Conn., Del., D. C., Mass., Md., Me., N. J., N. H., N. Y., Pa., R. I. and Vt.
whole, roller, bbls.....lb. .35 - —
spray, bbls.....lb. .36 - —
Sugar,[1] bbls., c.l., works....lb. .26 - —
l.c.l., works.....lb. .26¾- .27¼
Mineral spirits (see Petroleum, mineral spirits)
Molasses,[1,6] blackstrap, tanks, works, Area 1..gal. .18 - —
Area 2, same basis....gal. .18½- —
Area 3, same basis....ton.26.00 - —
Area 4, same basis....ton.29.00 - —
Area 5, same basis....ton.34.00 - —
Note—Area No. 1, Fla., Ga., La., Tex.; Area No. 2, Mass., Md., N. J., N. Y.; Area No. 3, Calif.; Area No. 4, Colo., Idaho, Kan., Mont., Neb. (excepting Grand Island), S. D., Utah, Ore., Wash., Wyo.; Area No. 5, Ia., Md., Mich., Minn., Grand Island, Neb., Ohio, Wis.
Molybdate orange (see Orange, molybdate).
Molybdenum metal,[1,6] kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide,[5] pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., works.....lb. .80 - —
Monoamylamine, dms., basis 100%, c.l., works..lb. .61 - —
l.c.l., works.....lb. .64 - —
Monoamylnaphthalene, l.c.l., dms., works..lb. .17 - —

DON'T PUT UP WITH MOLD!

DOWICIDES CONTROL *Mold Decay Termites*

Mold and decay assume different forms under different conditions. Hence, varying treatments are required if the costly inroads of spoilage are to be prevented.

That is why there are seventeen related products in the Dowicide group—each is designed for a specific job—and each has proved itself in that assignment.

ALL TYPES OF PAINT ARE IMPROVED BY DOWICIDE

Oil paints, for example, can be made completely mold resistant—an important consideration if they are to be used under conditions of high humidity existing in breweries, canneries, paper or textile mills. In such industries, Dowicide-treated paints permit greater cleanliness, better light reflection, and fewer shut-down periods for renovation.

Dowicide also affords protection against mold in water-extended paste and powder paints and in other paint materials having a high protein content. Write the Dowicide Division for complete information.

THE DOW CHEMICAL COMPANY
MIDLAND, MICHIGAN

New York • Boston • Philadelphia • Washington • Cleveland
Detroit • Chicago • St. Louis • Houston • San Francisco
Los Angeles • Seattle

Among the many Dow products serving the Paint Industry are: Ethocel, Methocel, Styrene, Dowtherm, and Phenol.

DOWICIDE
GERMICIDES AND FUNGICIDES

DOW
CHEMICALS INDISPENSABLE TO INDUSTRY AND VICTORY

Monobutylamine, dms., basis 100%, c.l., works..lb. .48 - —
l.c.l., works.....lb. .51 - —
Monochlorobenzene, dms., c.l..lb. .06½- —
l.c.l. .....lb. .07 - .09
Monoethanolamine,[6] dms., c.l., frt. alld. in E..lb. .24½- —
l.c.l., dms., same basis....lb. .25½- —
tanks, same basis.....lb. .26½- —
Monoethylamine, basis 100%, dms., c.l., works..lb. .43 - —
l.c.l., works.....lb. .46 - —
Monoethylaniline, dms.....lb. .47 - —
Monomethyl para aminophenol sulphate, dms..lb. 2.40 - 2.90
Monomethylamine, dms.....lb. .65 - —
Monosodium phosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
25 ozs.....oz. 8.80 - —
Hydrobromine, 5 ozs.....oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Hydrochloride, bots., 5 ozs..oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c.l., works..lb. .67 - —
smaller containers, works....lt. .12 - .13
Mullein leaves, cns.....lb. .75 - —
Musk, nat., Tonquin, grains, bots. oz.40.00 -45.00
synth., ambrette, cns., 100 lbs. or more..lb. 4.00 - 9.00
25 lbs. to 75 lbs.....lb. 4.10 - 9.10
5 lbs.....lb. 4.25 - 9.45
ketone, cns., 100 lbs. or more. lb. 4.15 - 9.25
25 lbs. to 75 lbs.....lb. 4.25 - 9.35
5 lbs.....lb. 4.40 - 9.70
Musk, synth., xylol, cns., 100 lbs. or more..lb. 1.40 - 2.05
25 lbs. to 75 lbs.....lb. 1.50 - 2.60
5 lbs.....lb. 1.65 - 2.90
Musk root, bls.....lb. 2.25 - 2.30
Mustard seed, Calif., brown, bgs., lb. .16 - .16½
Montana, yellow, bgs.....lb. .13 - .13½
Washington, yellow, bgs.....lb. .12¾- .13¼
Myrobalans,[6] JI, whole, bgs., frt. guar., insurance $1. Any difference for buyers' account..ton.60.00 -63.00
crushed, same basis.....ton.71.00 -75.00
J2, whole, bgs., same basis... ton.51.00 -54.00

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene,[2,6] crude, dom., 74°, bgs., c.l., frt. equald..lb. .03 - —
bbls., c.l., same basis...lb. .031 - —
tanks, same basis.....lb. .0275- —
78°, bgs., c.l., same basis, lb. .0325- —
bbls., c.l., same basis...lb. .0335- —
tanks, same basis.....lb. .03 - —
bbls., wholesalers and jobbers, works..lb. .06 - —
50-lb. cs., same basis...lb. .06¼- —
1-lb. pkgs., same basis..lb. .06¾- —
Neocinchophen, USP, dms.....lb. 7.00 - 7.10
Nepheline syenite, glass grade, 24 mesh, bulk, Rochester, N. Y..ton.12.00 - —
pottery grade, 200 mesh, bulk, Rochester, N. Y..ton.15.50 - —
Nepheline syenite in bgs. is priced $2 per ton above the bulk quotations.
Neroline, cryst., cns.....lb. 1.70 - 2.00
Niacin (see Acid, nicotinic).
Nickel,[6,5] carbonate, bbls....lb. .36 - .36½
Chloride,[6] bbls.....lb. .18 - .20
Cyanide,[6] bots., dms.....lb. No stocks
Oxide,[6,6] black, bbls.....lb. .35 - .38
Salt,[6,5] bbls.....lb. .13 - .13½
Nicotine, sulphate, 40%, dms. 50 lbs..lb. .6660- —
tins, 10 lbs.....lb. .1015- —
Nicotinamide,[6] USP, dms....kilo.13.25 -13.55
Nikethamide, bots., cbys.....lb.17.00 -18.00
Nitercake, bulk works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼ sec., 30-35 cps., bbls., dry weight, l.c.l., works. lb. .26 - —
5-7, 40-60 cps., same basis. lb. .27 - —
ester-soluble, ¼, ½ sec., 30-35 cps., bbls., dry weight, l.c.l., works..lb. .26 - —
5-7, 15-20 cps. and higher, bbls., dry weight, l.c.l., works..lb. .25 - —
Nitrocellulose:—Denatured alcohol A used in manufacture is charged extra. Barrels extra, but returnable.
Nitroethane, dms., l.c.l., wks..lb. .25 - —
Nitrogen, solut.,[6] tanks...ton N.108.21 - —
Prices adjusted to ammonia sulphate basis from ports, and anhydrous ammonia basis, Hopewell, Va.
Nitrogenous process tankage,[1] bulk, works.....unit-ton. 3.15 - 3.50
sewage sludge,[1] bulk, works, unit-ton. 2.60 + 4.40- 3.00 + .40
Nitromethane, dms., l.c.l., works, lb. .25 - —
Nitronaphthalene, bots.....lb. .24 - .25
Nitropropane 1, dms., works..lb. .25 - —
II, dms., same basis.....lb. .25 - —
Nutgalls,[6] Aleppo, bgs.....lb. .47 - .48
Chinese, bgs.....lb. .45 - .46
Nutmegs,[1] E. I., grinding, bgs., lb. .45 - .46
100's, bgs.....lb. .47 - .48
West Indian, No. 1, futures, bgs..lb. .34¼- .34¾
Nux vomica, bls.....lb. .08½- .09
powder, bbls., bxs.....lb. .12 - .13

O

Oakbark extract,[1,6] 25% tan., bbls., c.l., works..lb. No stocks
Octane,[1] 100-140° C., industrial grade, dms., c.l., G.3..gal. .15½- —
l.c.l., G.3.....gal. .29 - —
10 gals., G.3.....gal. .55 - —
tanks, G.3.....gal. .13 - —
Octanol, normal,[6] tech., 360-lb. dms., dlvd..lb. .85 - —
Oil, almond, bitter, artl. (see Benzaldehyde).
bitter, F.P.A.....lb. 4.50 Nom.
natural, USP, bots.....lb. Nominal
sweet, exp., dms., cns.....lb. 1.50 - 1.60
Angelica root, bots.....lb.140.00 -150.00
Seed, bots.....lb. No stocks
Anilin (see A).
Anise, USP, cns., dms.....lb. No stocks
Apricot kernel, cns.....lb. .45 - .55
Avocado, cns., dms.....lb. 1.05 - 1.25
Babassu,[1,6] tanks.....lb. .1110-
Bay, W. I., 50-55%, cns.....lb. 1.45 - 1.65
Puerto Rican, 55-60%, cns..lb. 1.55 - 1.75
Bergamot, artif., cns.....lb. 2.25 - 9.85
natural, Italian, coppers...lb. 6.00 - 6.50
Brazilian, cns.....lb.10.00 -10.25
Birch (see Oil, sweet birch).
Birchtar, crude.....lb. No stocks
rectified, cns.....lb. No stocks
Bois de Rose, Brazil, cns...lb. 4.50 - 4.75
Mexican (see lignaloe wood).
Bone, dms., works.....gal. .65 - .70
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. 1.90 - 2.00
redistilled, USP X, cns....lb. 2.30 - 2.50
Calamus, cns.....lb.22.50 -25.00
Camphor, sassafrassy, cns...lb. No stocks
white, cns.....lb. No stocks
Cananga, native, cns.....lb.11.75 -12.00
rectified, cns.....lb.13.25 -14.00
Capsicum (oleoresin), USP VII, cns..lb. 4.50 - 4.65
Caraway, USP, cns.....lb.17.00 -20.00
Cardamom, bots.....lb.19.00 -21.00
Cassia, USP, cns.....lb.12.00 Nom.
Castor,[1] blown, dms., returnable, l.c..lb. .15¼- —
l.c.l. .....lb. .16 - —
cold pressed, USP, bbls., c.l.lb. .14 - —
cns. .....lb. .15½- .17¾
dms., returnable, c.l...lb. .13½- —
l.c.l. .....lb. .14½- —
tanks .....lb. .13 - —
dehyd., bodied, dms., c.l....lb. .1790- —
l.c.l. .....lb. .1830- —
tanks .....lb. .1750- —
unbodied, dms., c.l.....lb. .1690- —
tanks .....lb. .1650- —
No. 3, tech., bbls., c.l.....lb. .13¾- —
l.c.l. .....lb. .14¼- —
dms., returnable, c.l....lb. .13½- —
l.c.l. .....lb. .14¼- —
tanks .....lb. .12¾- —
sulphonated, 50% (48% fat), dms., c.l..lb. .09½- .09¾
l.c.l. .....lb. .10½- .11
75% (63% fat), dms., c.l..lb. .12 - .12¼
l.c.l. .....lb. .13 - .13¼
80% (68% fat), dms., c.l..lb. .12¼- .12½
l.c.l. .....lb. .13½- .13¾
Cedarleaf,[1] cns., dms.....lb. 2.65 - 2.85
Cedarwood, dms.....lb. 1.00 - 1.25
Celery, bots.....lb.19.00 -22.00
Chaulmoogra, USP, cns.....lb. .70 - .75
Chinawood (see Oil, tung).
Cinnamon bark oil, bots....lb.36.00 -40.00
leaf oil, dms.....lb. 1.50 - 1.85
Citronella, Ceylon, cns.....lb. .90 - .95
Java, cns.....lb. No stocks
Clove, USP, cns.....lb. 1.70 - 1.75
Coconut,[1,6] Manila, crude, bulk, c.i.f., N. Y..lb .0835- —
ret. dms. .....lb. .0885- .0985
edible, ex tax, dms.....lb. .0985- —
Cod, Newfoundland, dms...gal. .85 - .88
tankcar .....gal. .83 - —
Codliver,[6] med., USP, bbls., dms..gal. 2.30 - 2.40
Coriander, bots. .....lb.28.00 -36.00
Corn,[1,6] crude, tanks, works.lb. .12¾- —
edible, dms., l.c.l. .....lb. .16¼- .16½
tanks .....lb. .1502- —
foots, acid 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dlvd. E.lb. .03½- —
Cottonseed,[1,5] cooking, l.c.l., ret. dms..lb. .16¼- —
foots, acid, 95%, tankcar, dlvd. E..lb. .07¾- —
raw, 50%, tankcar, dlvd. E. lb. .03¾- —
salad, l.c.l., ret. dms....lb. .16½- —
Creosote (see C).
Croton, NF, cns.....lb. 3.00 - 4.00
Cubeb, USP, cns.....lb. No prices.
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.00 -10.00
Cypress, bots.....lb.12.60 - —
Degras (see D).
Dillseed, bots.....lb.10.00 Nom.
weed, bots.....lb. 4.75 - 5.00
Dip (see D).
Erigeron, cns.....lb. 2.25 - 2.40
Eucalyptus, cns.....lb. 1.10 - 1.20
Fennel, sweet, cns.....lb. 4.50 Nom.
Fir, Canada, cns.....lb. 2.50 - 2.75
Fishliver,[1,5] dms., less than 40,000 A units per gram..... per million units. .14 - —
for each 1,000 additional A units up to 200,000 per gram. per million units. .001 - —
200,000 or more A units.... per million units. .30 - —
Fuel (see Petroleum, fuel oil).
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, cns....lb.12.00 -13.00
Bourbon, cns.....lb.11.00 -12.00
Russian, cns.....lb.15.50 - —
Turkish (see Oil, palmarosa).
Grapefruit, cns.....lb. 2.00 - 2.10
Ginger, dist., bots.....lb.20.00 -22.50
Hemlock, cns.....lb. 2.65 - 3.34
Juniper berry, cns.....lb.16.00 -16.00
wood, tech., cns.....lb. 1.00 - 1.25
Juniper tar, USP, dms....lb. .90 - 1.00
Lard,[5] common, 1 bbl.....lb. .14 - —
extra, No. 1, bbls.....lb. .14¾- —
Winter, strained, bbls...lb. .15 - —
prime, burning, bbls.....lb. .16 - —
lined, bbls. .....lb. .15½- —
Laurel, bots.....lb. No prices.
Lavandin, cns.....lb. 8.00 - —
Lavender flower, French, cns., lb. 8.50 -16.00
Russian, cns.....lb.11.00 -11.50
garden, cns.....lb. .55 - .75
spike, Spanish, pure, cns..lb. 3.50 - 4.00
tech., cns.....lb. 2.75 - 3.00
Lemon, Calif., cns.....lb. 3.25 - —
Messina, cns.....lb. 3.25 - —
Terpeneless .....lb.25.00 -50.00
Lemongrass, cns., dms.....lbs. 1.50 - 1.60
Lignaloe wood, Brazilian (see Bois de Rose).
Mexican, seed, cns.....lb. No stocks
wood, cns.....lb. 3.20 - 3.25

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With Freshest Flavor
And Truest Aroma!
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OIL OF
ORANGE
U. S. P.

Oil, lime, dist., Jamaica, cns..lb. 6.50 - 7.50
Mexican, cns.....lb. 6.00 - 6.50
expressed, Jamaica, cns...lb.11.00 -12.50
Linseed, raw, dms., c.l.....lb. .1516- —
l.c.l. .....lb. .1600- .1660
tankcar .....lb. .1470- —
tankwagon .....lb. .1470- —
Boiled linseed oil, .004 over raw.
Linseed replacement, dms...lb. .1310- .1510
tankcar .....lb. .1270- .1470
Lubricating,[1] at refinery, extax, California, neutrals, pale, 200-800 vis., 2¼-4 pour, tanks..gal. .07¼- .11
red, 200-900 vis., 4-6½ pour, plus tanks..gal. .07¼- .11¼
Group 3, bright stock, 150-160 vis., 0-25 pour, tanks..gal. .25 - —
300 vis., No. 3 col., 0-10 pour, tanks..gal. .14½- .18
200-280 vis., No. 3 col., 15-25 pour, tanks..gal. .15 - .17½
140-150 vis., No. 8 color, 10-25 pour, tanks..gal. .24 - .30
cylinder oils, 600-630 flash, tanks..gal. .16 - .17
600-650 steam ref'd, tanks..gal. .15 - .15½
neutral, 70° F., No. 3 color, 150 vis., 0-25 pour, tanks..gal. .29 - .31
200 vis., 0-25 pour, tanks..gal. .31 - .33
Mace, dist., cns., dms.....lb. 5.00 - 5.25
Mandarin, Brazilian, cns....lb. 8.75 - 9.00
Menhaden,[1,5] crude, tanks, Balto. lb. .0890- —
light-pressed, l.c.l., dms....lb. .1240- —
tankcars .....lb. .1160- —
ref'd, alkali, l.c.l., dms....lb. .1340- —
kettle-boiled, l.c.l., dms....lb. .1440- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. No stocks
Mustard seed,[6] exp., dms....lb. .14¾- —
Neatsfoot, 15° c.l., bbls....gal. 1.90 - —
20°, c.l., bbls.....gal. 1.80 - —
30°, c.l., bbls.....gal. 1.60 - —
pure, bbls.....lb. .18¼ Nom.
Neroli, bots.....lb.220.00 -275.00
Nutmeg, dist., cns., dms.....lb. 5.00 - 5.25
Oiticica,[1] liquid, dms., c.l...lb. .19 - .19¼
l.c.l. .....lb. .19½- .20
tankcars .....lb. .18½- .18¾
Oleo,[4] 1, bbls.....lb 3¼ Nom.
Olibanum, bots..... .00 - —
Olive, denat., dms.... gal. No stocks
edible,[1] Calif., bbls., f.f.a., dms..gal. 4.30 - 4.80
imported .....gal. No stocks
foots, ...lb. No stocks
sulphonated, 50% (40% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
80% (68% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
85% (68% fat), dms., c.l..lb. No prices
l.c.l. .....lb. No prices
Orange, sweet, dist., cs.....lb. 1.00 - —
expressed, Brazilian, cns.lb. 1.10 - 1.15
Calif., cns.....lb. 1.45 - 1.75
Florida, cns., dms.....lb. 1.10 - 1.20
Messina, USP, coppers.lb. No stocks
West Indian, cns.....lb. 3.75 - 4.00
sequiterpeneless, bots.....lb.97.00 -100.00
Origanum, Spanish, cs.....lb. 2.40 - 2.75
Palm,[1,5] Niger, dms.....lb. .0865- —
Palmarosa, cns.....lb. 5.25 - 5.50
Paraffin,[1] 300° flash, 100-110 vis., tanks, G.3..gal. .05¾- —
320° flash, 60-70 vis., tanks, same basis..lb. .05¼- —
350° flash, 70-89 @ 100 vis., 0/10 pour..gal. .08 - —
80-85 vis., 0/10 pour, bbls., extra. Ind. refy..gal. .12 - —
100-110 vis., 0/10 pour, same basis..gal. .08½- —
10/25 pour, same basis..gal. .08¾- —
100-105 vis., 0/10 pour, same basis..gal. .14 - —
Patchouli, cns.....lb.20.00 Nom.
Peanut,[1,5] crude, tanks, mill.lb. .13 - —
bleached, deod., tankcar....lb. .1501- —
hydrogenated, tanks.....lb. .1573- .1578
foots, acid, 95%, tanks, dlvd. E..lb. .08 - —
raw, 50%, tanks, dlvd. E..lb. .04 - —
Pennyroyal, dms., cns.....lb. 4.10 - 4.25
import, cns.....lb. No prices
Peppermint, natural, dms....lb. 7.50 - —
redist., USP, dms.....lb. 8.05 - —
Perilla, crude, dms.....lb. No stocks
Petitgrain, Paraguay, cns., dms. lb. 1.60 - 1.70
Pimento, berry, dms.....lb. 6.90 - 7.00
Leaf, cns.....lb. 4.50 - 4.75
Pine,[1,6] ret. dms., c.l., dlvd. E. gal. .63 - .63½
l.c.l., ret. dms., dlvd. E.gal. .73 - —
tanks, works.....gal. .55 - —
Pineneedle, cns.....lb. 3.25 - 3.50
Putty,[5] bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19¾- —
dms., c.l., Whiting, Ind..gal. .34 - —
Boston, Providence....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —

[6] Extra for bbls., but subject to quantity discounts, ranging from 2c. to 5c. per gallon, according to amount purchased.

Rapeseed,[1,5] bulk, New Orleans. lb. .1158¼- —
Red, dist., dms., dlvd.....lb. .13¼- —
tanks, dlvd.....lb. .12½- —
double dist., ret. dms.....lb. .15¾- .16¾
Saponified, same prices.
Rose, natural, coppers.....oz.30.00 -40.00
Rosemary, Spanish, cns,, dms. lb. 1.70 - 2.10
Rosin, 1st rectified, dms....gal. .66 - —
2d rectified, dms.....gal. .68 - —
3d rectified.....gal. .72 - —
Rue, bots.....lb. 8.25 Nom.
Sage, Spanish, cns.....lb. 3.60 - 5.00
Sandalwood, NF, dist., cns..lb. 6.75 - —
Mysore, cns., case lots....lb. 7.00 - 7.25
Sardine, crude,[1,5] tanks, Pac. Coast..gal. .66¾- —
light-pressed, l.c.l., dms....lb. .1240- —
tankcars .....lb. .1160- —
ref'd, alkali, l.c.l., dms....lb. .1340- —
kettle-boiled, l.c.l., dms....lb. .1440- —
Sassafras, artif., cns.....lb. 1.05 - 1.40
natural, cns., dms.....lb. 1.90 - 2.00
Savin, cns.....lb. No stocks
Savory, cns.....lb. 8.00 - —
Sesame,[1,5] tanks.....lb. .1430- —
Shingle stain, bbls., c.l., works. gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snake root, Canada, cns.....lb. No stocks
Soybean,[1,5] crude, tanks, Decatur..lb. .1175- —
clarif., dms.....lb. .1296- .1335
tanks .....lb. .1256- —
deod., Winter, tankcar.....lb. .1393- —
ret. dms.....lb. .1500- .1540
foots, acid, 95%, tanks, dlvd. E..lb. .07¼- —
raw, 50%, tanks, dlvd E..lb. .05½- —
refd., varnish, dms.....lb. .1396- .1400
tanks .....lb. .1340- .1347
Spearmint, dms.....lb. 4.00 Nom.
Sperm, bleach, 38°, dms.....lb. .1443- —
natural, 45°, dms.....lb. .1310- —
Spruce,[1] cns, dms.....lb. 2.65 - 3.34

Oil, sunflower, refined,[6] tanks.lb. .1438- —
semi-refined, tanks.....lb. .1430- —
Sweet birch, North, cns.....lb. 4.00 - 5.00
South, cns.....lb. 2.50 - 3.75
Tall, crude, dms., c.l., works. ton.53.65 -55.00
l.c.l., works.....ton.58.65 -63.65
tanks, works.....ton.40.00 -45.00
refined, dms., c.l., works..lb. .05 - .05¼
l.c.l., works.....lb. .05½- —
tanks, works.....lb. .04½- —
Tallow,[5] acidless, bbls.....lb. .14¼- —
tanks .....lb. .13¾- —
Tansy, cns.....lb. No stocks
Tar,[1] pine, dms., c.l., dlvd. E. cities..gal. .32¾- —
l.c.l., f.o.b. works....gal. .29¾- —
tanks, dlvd. E. cities....gal. .27 - —
rect., USP, bbls.....gal. .60½- —
Tar acid (see T).
Thyme, NF, red, cns.....lb. 2.50 - 3.50
white, cns.....lb. 2.65 - 4.00
Tung,[1] dms., c.l.....lb. .39 - .39½
l.c.l. .....lb. .39½- .40
tanks .....lb. .38¾- —
Turkey red (see Castor, sulphorated).
Turpentine (see T).
Vetiver, Bourbon, bots.....lb.30.00 -35.00
Whale,[5] ref., natural, dms..lb. .1137 Nom.
winter, bleach, dms.....lb. .1282 Nom.
Wheat germ, dms.....gal.10.00 -13.50
White mineral, tech., 50-60 vis., dms., c.l..gal. .36 - —
l.c.l. .....gal. .42 - .45
65/75 vis., c.l.....gal. .36 - —
l.c.l. .....gal. .42 - .45
USP, 80/90 vis., dms. extra, c.l..lb. .39 - —
l.c.l. .....gal. .45 - .48
95/105 vis., dms., c.l...gal. .44½- —
l.c.l. .....gal. .50½- .53½
125/135 vis., dms., c.l...gal. .49 - —
l.c.l. .....gal. .55 - .58
145/155 bls., dms., c.l..gal. .51 - —
l.c.l. .....gal. .57 - .60
175/185 vis., c.l.....gal. .54½- —
l.c.l. .....gal. .60½- .63½

Oil, white mineral, USP, 200/210 vis., c.l..gal. .58 - —
l.c.l. .....gal. .64 - .67
320/330 vis., c.l.....gal. .65 - —
l.c.l. .....gal. .71 - .74
335/345 vis., c.l.....gal. .66 - —
l.c.l. .....gal. .72 - .75
San Francisco, 55, 70 and 85 vis., ret. iron dms., 65 dms..gal. .40 - —
64-1 dms.....gal. .42 - .45
100 vis., 65 dms.....gal. .49½- —
64-1 dms.....gal. .51½- .54½
145 vis., 65 dms.....gal. .57 - —
64-1 dms.....gal. .59 - .62
180 vis., 65 dms.....gal. .60½- —
64-1 dms.....gal. .62½- .65½
340 vis., 65 dms.....gal. .72 - —
64-1 dms.....gal. .74 - .77
Wintergreen, nat., North, cns. lb. 6.50 - 8.50
South, cns.....lb. 4.00 - 4.25
synthetic (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed,[1] cns.....lb. 5.00 - 5.15
Ylang-ylang, Beurbon, bots..lb. 9.50 -10.00
Oleostearin,[1] bbls.....lb. .1054- —
Olivine, aggregate, c.l., mines.. ton. 7.00 - 9.50
crushed, 8 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works..ton. 9.50 - —
dumps, same basis.....ton. 7.00 - —
spalls, same basis.....ton. 5.00 - —
Opium gum, USP, cns., 50-lb. lots lb.13.00 - —
25-lb. lots.....lb.13.25 - —
smaller lots.....lb.13.50 -13.65
Prices on powd. and gran. USP opium are $1.50 per pound higher.
Orange, cadmium selenide, bbls., 100-lb. lots, works..lb. 1.50 - —
Dinitroanilin toner,[4].....lb. 1.05 - —
Persian,[1] bbls.....lb. .30 - .45
Molybdate,[1,6] bbls.....lb. .41 - —
Orthonitroanilin toner,[1] bbls., works..lb. .80 - 1.05
kgs. .....lb. .80 - —

Orange mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .12¼- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .12¾- —
Colo., Mont., N. M., Wyo..lb. .12½- —
other points.....lb. .12 - —
smaller lots, dlvd. Ala., etc..lb. .12¾- —
Ariz., etc.....lb. .13¼- —
Colo., Mont., N. M., Wyo..lb. .13 - —
other points.....lb. .12½- —
Orange peel, bitter, Haitian, bgs., lb. .10¼- .11
sweet, bls.....lb. .16 - .20
Oregano, Mexican, curly leaf, bgs..lb. .09½- .10
flat leaf, bgs.....lb. .09 - .09½
Orris root, African, bls.....lb. .85 - .90
powd., bbls., bxs.....lb. .90 - .95
Portuguese, bls.....lb. .65 - .70
Verona, bls.....lb. No stocks
Orthoamylphenol, dms., works.lb. .25 - —
Orthoanisidin, bbls.....lb. .70 - —
Orthochloroanilin, dms.....lb. .60 - .70
Orthochlorophenol, dms.....lb. .25 - .27
Orthocresol,[3,6] 30.4° C, Min. M.P., dms.,[6] c.l., works..lb. .17¼- .18
l.c.l., same basis.....lb. .18 - .18½
29.0° C, Min. M.P., dms., c.l., works..lb. .16¼- .17
l.c.l., same basis.....lb. .17 - .17½
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies, lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .06½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.

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The Accepted Basis For Floral Perfumes
(Lily of the Valley, Lilac, etc.)

A single chemical having properties most desired by perfumers.

Great Strength

(5 times stronger than Hydroxy Citronellal with which it blends well.) Result: Economy.

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FREEDOM FROM IRRITATION • • • CYCLAMAL IS OF 100% PURITY
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For That New Note You Have Been Looking For

A lasting sweet note of great value in Perfume Compounds of many types. Veratraldehyde is particularly interesting as a base for Opoponax, Heliotrope and Violet Odors.

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Its great power makes it extremely economical to use, not only in the manufacture of Jasmin Odors but in many other Floral Compositions as well.

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Orthonitroanilin, dms.....lb. .43 - .55
Orthonitrochlorobenzene, dms..lb. .16 - .18
Orthonitroparachlorophenol, cns., lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthophenetidin, dms.....lb. .82 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange, crystals, bbls...lb. .23 - —
extract, No. 1, bbls.....lb. .11 - —
No. 2, bbls.....lb. .10 - —
Oxyquinolin sulphate, cns., 100 lbs., works..lb. 3.50 - —
smaller lots.....lb. 3.75 - 4.15

P

Papain, powd., cs.....lb. 2.40 - 2.50
Papaverine natural, synthetic, hydrochloride, NF, cns., 100-oz. lots..oz. 7.00 - —
smaller lots.....oz. 7.05 - 7.35
sulphate, cns.....oz. 7.10 - 7.35
Paprika,[1] Chilean, good, bgs...lb. .30 - .31
Portuguese, choice, bgs.....lb. .40 - .41
extra fancy, bgs.....lb. .39 - .40
good, bgs.....lb. .37 - .38
Spanish, fancy, bgs.....lb. .48½- .49
fair, bgs.....lb. .42 - .43
good, bgs.....lb. .47 - .48
Para-anisidin, dms., works.....lb. .75 - —
Parachlorophenol, dms., wks..lb. .32 - —
Paracresol,[2] bbls., wks.....lb. .41 - —
Paracymene, dms., c.l., works..lb. .1595- —
l.c.l., same basis.....lb. .1645- —
tanks, same basis.....lb. .1545- —
Paradichlorobenzene, dms., c.l., works..lb. .11 - .12
l.c.l., same basis.....lb. .12½- .15
Paraffin, crude scale, white or yellow, 119-121 ASTM, bbls., c.l., refinery..lb. .04¼- —
Paraffin, fully ref'd, slabs, loose, 117-119 ASTM, c.l., refinery lb. .05 - —
120-122 ASTM, same basis. lb. .0620- —
122-124 ASTM, same basis. lb. .0520- —
125-127 ASTM, same basis. lb. .0560- —
127-129 ASTM, same basis. lb. .0585- —
128-130 ASTM, same basis. lb. .0585- —
130-132 ASTM, same basis. lb. .0615- —
132-134 ASTM, same basis. lb. .0640- —
135-137 ASTM, same basis. lb. .0715- —
140-142 ASTM, same basis. lb. .0810- —
146-148 ASTM, same basis. lb. .1050- —
Prices in bags 4/10c. per lb. higher than those for slabs loose.
Paraformaldehyde,[2,3] dms., 1,000 lbs. or more, works..lb. .21 - —
smaller lots, works.....lb. .22 - —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., l.c.l., wks.lb. .12 - —
and 10-gal. dms., works..lb. .15 - —
USP, cns., cbys.....lb. .35 - .45
Paranitroanilin, kgs., works...lb. .43 - .45
Paranitrochlorobenzene, kgs., wks. lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs., works..lb. .30 - —
Paraphenylenediamine, tech., kgs. lb. 2.00 - —
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls., works.....lb. .48 - —
Paris green,[1] dealer, distributor, dms., kgs., c.l., works, frt. alld..lb. .20 - .27
l.c.l., same basis.....lb. .22 - .28
Passion flower herb, bls.....lb. .16 - .20
Patchouli leaves, bls.....lb. .34 - .35
Pectin, bbls.....lb. .85 - —
Penicillin,[6] hospitals, institutions, ampules, per 100,000 units. 2.40 - 2.60
for gov. purchases, ampules, per 100,000 units. 1.50 - —
Pennyroyal leaves, bls.....lb. .16 - .18
Pentachlorophenol, dms., works, lb. .20 - .25
Pentaerythritol,[6] CP, bbls., dlvd., lb. .75 - —
less than barrel lots.....lb. 1.00 - —
tech., bbls., c.l.....lb. .29 - —
l.c.l.....lb. .33 - —
Tetra-acetate, bbls., dlvd.....lb. 1.00 - —
less than barrel lots.....lb. 1.50 - —
Pentane,[1] 28°-38° C, industrial grade, dms., c.l., Group 3, gal. .11 - —
l.c.l., Group 3.....gal. .19 - —
tanks, Group 3.....gal. .07½- —
laboratory grade, dms., c.l. gal. .16 - —
l.c.l.....gal. .29 - —
10 gals.....gal. .55 - —
Pepper, black,[1] 15 tons, bgs...lb .10 - —
50 to 100 bgs.....lb. .1050- —
4 to 24 bgs.....lb. .1100- —
red, chillies, Carolina, longs, new crop, bgs..lb. .31 - .31½
sports, old crop, bgs...lb. .43 - .44
Congo, bgs.....lb. .25 Nom.
Louisiana, sports, bgs...lb. .43 - .44
longs, old crop, bgs....lb. No stocks
Mombassa, bgs.....lb. .24½- .25
Niger, fair, bgs.....lb. .23 Nom.
Sierra Leone, bgs.....lb. .22½ Nom.
Unganda, washed, bgs...lb. No stocks
white,[1] 15 tons, bgs.....lb. .1161 Nom.
24 bgs.....lb. .1295 Nom.
Peppermint, USP, bls.....lb. .80 - .85
Import, bls.....lb. .90 Nom.
Perchloroethylene,[6] dms., c.l., works, frt. alld., Zone 1..lb. .0782- .0800
l.c.l., same basis.....lb. .0832- .0850
Zone 2, dms., c.l., works, frt. alld..lb. .0832- .0850
l.c.l., same basis.....lb. .0882- .0900
Perchloroethylene, Zone 3, dms., c.l., works, frt. equald..lb. .0882- .0900
l.c.l., same basis.....lb. .0932- .0950
Zone 4, dms., c.l., f.o.b. stock point..lb. .0882- .0900
l.c.l., same basis.....lb. .0932- .0950
Perchlorethylene zones are:—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., Neb. (Omaha), Kans. (Kansas City), ... J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va., Wis.; (2) Ala., Ark., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S.C., S.D. (3) Col., Mont. (E), N.M. Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.
Peru balsam, dms.....lb. 1.15 - 1.20
Petrolatum, tech., dark, bbls., Group 3, c.l..lb. .021 - —
golden Topaz, bbls., c.l....lb. .032 - —
l.c.l.....lb. .036 - —
red, veterinarian, bbls., c.l.lb. .024 - —
l.c.l.....lb. .028 - —
USP, amber, dms., c.l.....lb. .03¼- —
l.c.l.....lb. .04½- —
extra amber, dms., c.l.....lb. .03½- —
l.c.l.....lb. .04½- —
cream, c.l., dms.....lb. .04¾- —
l.c.l.....lb. .06¼- —
yellow, soft, dms., c.l.....lb. .03¼- —
l.c.l.....lb. .04½- —
white, lily, dms., c.l.....lb. .05½- —
l.c.l.....lb. .07 - —
snow, c.l., dms.....lb. .06¼- —
l.c.l.....lb. .07¾- —
soft, c.l., dms.....lb. .05¼- —
l.c.l.....lb. .06¼- —
Deposit on ret. dms, $4.
Petrolatum prices dms, extra, ret.
Petroleum, crude, bulk, at wells, California, heavy grades..bbl. .93 - 1.01
Illinois.....bbl. 1.37 - —
Kentucky, Union County..bbl. 1.32 - 1.37
Louisiana-Arkansas.....bbl. .86 - 1.20
Oklahoma-Kansas.....bbl. .85 - 1.25
Pennsylvania.....bbl. 1.31 - 3.00
Texas, Gulf Coast.....bbl. 1.06 - 1.86
North, North-Central.....bbl. 1.01 - 1.25
West.....bbl. .70 - 1.12
Panhandle.....bbl. 1.10 - 1.22
Savannah, Ga.....bbl. 1.60 - 1.77
Wyoming.....bbl. 1.12 - —
Ether, laboratory grade, 30-60° C., dms., c.l., Group 3.gal. .16 - —
l.c.l.....gal. .29 - —
10 gals.....gal. .55 - —
35-60° C., dms., c.l.....gal. .29 - —
10 gals.....gal. .55 - —
40-75° C., dms., c.l.....gal. .16 - —
l.c.l.....gal. .29 - —
10 gals.....gal. .55 - —
Fuel oil, furnace, tanks, at refinery:—
Arkansas, No. 1.....gal. .04 - —
Nos. 2 and 3.....gal. .03½- —
California, heavy.....bbl. 1.10 - —
light.....bbl. 1.20 - —
diesel.....gal. .04 - —
stove dist.....gal. .05 - —
Group 3, No. 3.....gal. .08½- —
Group 3, No. 5.....bbl. .85 - —
No. 6.....bbl. .80 - .85
Kansas, No. 6.....bbl. .85 - .90
Oklahoma, No. 2.....gal. .03⅝- —
No. 6.....bbl. .90 - —
14-16.....bbl. .97 - —
Pennsylvania, No. 1.gal. .07 - .07⅝
No. 2.....gal. .07 - .0805
No. 3.....gal. .06⅞- .07⅝
36-40 gravity.....gal. .07 - .07⅝
bunker C, Baltimore, Md..bbl. 1.65 - 1.77
Boston, Mass.....bbl. 1.65 - 1.77
Charleston, Mass.....bbl. 1.60 - —
Jacksonville, Fla.....bbl. 1.60 - —
New York, N. Y.....bbl. 1.65 - 2.07
Norfolk, Va.....bbl. 1.65 - 1.77
Philadelphia, Pa.....bbl. 1.65 - —
Portland, Me.....bbl. 1.80 - —
Providence, R. I.....bbl. 1.65 - —
Savannah, Ga.....bbl. 1.65 - 1.77
Wilmington, N. C.....bbl. 1.65 - —
Lacquer diluent, at refinery:—
California, 100 l.b.n., 200 e.p., tanks, dlvd. Los Angeles. gal. .11 - —
Fort Wells, Wash.....gal. .12 - —
San Francisco.....gal. .11½- —
Willbridge, Ore.....gal. .12 - —
East Coast, N. J., N. Y., tanks..gal. .11½- —
Group 3, benzol type, tanks, gal. .07⅞- —
toluol type, tanks..gal. .07⅞- .07½
Mineral spirits, at refinery, California (f.o.b. San Francisco), 163-252 b.r., tanks.. gal. .10¼- —
193-200 b.r., tanks...gal. .10¼- —
246-397 b.r., tanks...gal. .10½- —
312-408 b.r., tanks...gal. .09 - —
362-458 b.r. tanks...lb. .09 - —
East Coast, N. J., N. Y.gal. .10 - —
Group 3, tanks.....gal. .06½- —
tankwagon, Baltimore.....gal. .12 - .14
Boston.....gal. .12 - —
Bridgeport, Conn.....gal. .1630- —
Buffalo.....gal. .1240- —
Camden, N. J.....gal. .11 - —
Chicago.....gal. .13½- —
Detroit.....gal. .1580- —
Hartford.....gal. .1680- —
Kansas City, Mo.....gal. .1480- —
Lancaster, Pa.....gal. .12 - —
Milwaukee.....gal. .1440- —
Minneapolis.....gal. .1420- —
Newark (200 gal.).....gal. .11 - —
New York (200 gal.)....gal. .11 - —
Philadelphia.....gal. .11 - —
Pittsburgh.....gal. .129 - —
Providence.....gal. .13 - —
Rochester.....gal. .1320- —
St. Louis.....gal. .1370- —
Syracuse.....gal. .14 - —
Washington, D. C.....gal. .13 - —
Wilmington, Del.....gal. .13 - —
Naphtha, cleaners, at refinery:—
California (f.o.b. San Francisco), tanks..gal. .12 - —
East Coast, N. J., N. Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07½- —
tankwagon, Newark.....gal. .12 - —
Bridgeport.....gal. .1730- —
Chicago.....gal. .1380- —
Detroit.....gal. .15 - —
Milwaukee.....gal. .1440- —
Minneapolis.....gal. .1420- —
New York.....gal. .12 - —
Philadelphia.....gal. .125 - —
St. Louis.....gal. .1470- —
high-solvency, No. 1, over 76% arom., tanks, Bayway, N. J. gal. .21½- —
No. 2, over 90% arom., same basis..gal. .21½- —
No. 3, same basis.....gal. .22½- —
No. 8, tanks, same basis.. gal. .228 - —
No. 30, tanks, f.o.b. Kingsland, N. J., frt. alld..gal. .223 - —
No. 40, tanks, Wilmington, Cal..gal. .13¾- —
V.M.&P., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond.....gal. .11½- —
Willbridge, Ore., Ft. Wells, Wash..gal. .12 - —
54-77 190 i.p.b., 310 e.p.

IMAGINE delivering .50 caliber machine gun cartridges to a battery of 105 mm. cannon! Somebody would catch the devil—and it wouldn't be the enemy!

YOU'VE got to have *dependable uniformity* in solvents too. Any variation in the type of solvent you are using for a given job can easily throw your entire production out of line.

That's one of the reasons for specifying SKELLYSOLVE. A given type of SKELLYSOLVE ordered tomorrow will be identical with the same type bought yesterday. You can depend on that. In refining SKELLYSOLVE, we depend on accurate, scientific, instrumented quality control that leaves nothing to guess and hurdles the element of human error.

SKELLYSOLVE
in the **OIL, PAINT** *and* **DRUG FIELD**

The Skellysolve line includes naphthas specially fractionated for all laboratory and industrial uses. We furnish a full line of V. M. & P. naphthas, mineral spirits, and lacquer diluents, as well as many other special hydrocarbons. Our technical staff has aided many manufacturers in developing formulas for new or improved products which have proved to be of great value. Write or wire for full information today.

SKELLY

SKELLYSOLVE

SOLVENTS DIVISION, SKELLY OIL CO.
SKELLY BLDG., KANSAS CITY, MO.

Petroleum, naphtha, V.M.&P., tanks, dlvd. Los Angeles..
gal. .10 - —
San Francisco....gal. .10½- —
Portland, Seattle..gal. .11 - —
Group 3, tanks.....lb. .07½- —
Gulf Coast (dlvd. New Orleans), tanks..gal. .06½- —
tankwagons, Boston....gal. .13 - —
Chicago .....gal. .1380- —
Detroit .....gal. .15 - —
Milwaukee .....gal. .1540- —
Minneapolis .....gal. .1520- —
Newark (200 gals.)....gal. .125 - —
New York.....gal. .12 - —
Philadelphia .....gal. .125 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1470- —

Solvent, rubber, at refinery, California (f.o.b. San Francisco)..gal. .25½- —
East Coast, N. J., N. Y., tanks..gal. .11 - —
Group 3, tanks.....gal. .07¼- .07½
Stoddard (CS 8-33), at refinery:—
California (f.o.b. San Francisco), tanks..gal. .11 - —
East Coast, N. J., N. Y., tanks..gal. .10 - —
Group 3, tanks.....gal. .06⅝- —
Pennsylvania, western, tanks..gal. .07¼- .07½
tankwagon, Baltimore...gal. .13 - —
Boston .....gal. .12 - —
Chicago .....gal. .13½- —
Detroit .....gal. .1580- —
Milwaukee .....gal. .1440- —
Minneapolis .....gal. .1420- —
Newark .....gal. .11 - —
New York.....gal. .11 - —
Philadelphia .....gal. .11 - —
Pittsburgh .....gal. .12½- —
St. Louis.....gal. .1370- —
Syracuse .....gal. .14 - —

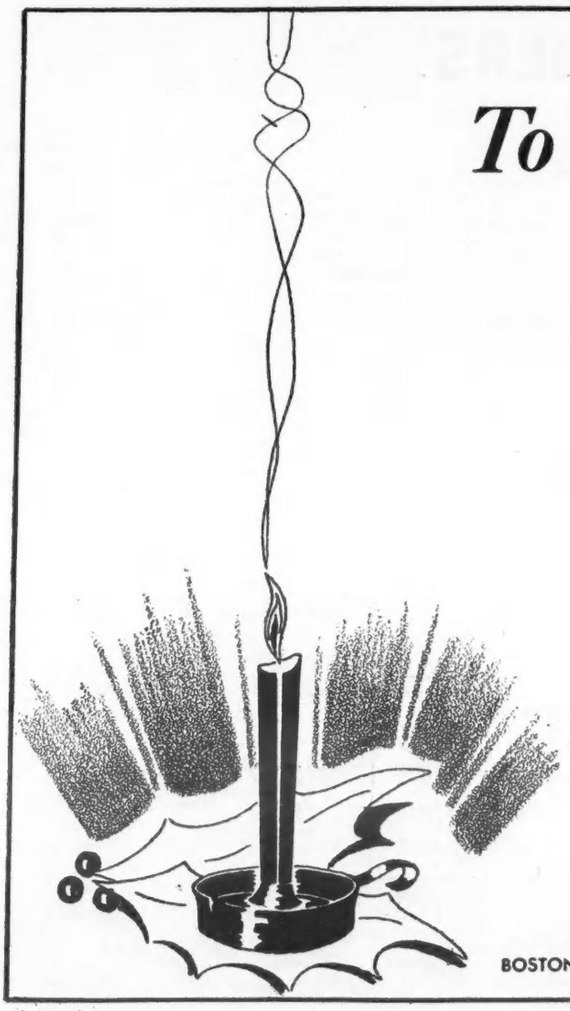
Petroleum xylol solvent. See Xylol petroleum solvent.

Phenobarbital, 5-lb. cns.....lb. 3.60 - 3.70
dms., 100 lbs.....lb. 3.50 - —
Phenol,[2,6] 90-92% (cresol, 8-10%), dms., c.l., works, frt. equald.,
lb. .10 - —
l.c.l. same basis.....lb. .10⅝- —
tanks, same basis.....lb. .09 - —
82-84% (cresol, 16-18%), dms., c.l., same basis..lb. .09¾- .10¼
l.c.l., same basis.....lb. .10½- .10⅝
tanks, same basis.....lb. .08¾- .09¼
USP, dms., c.l., same basis..lb. .10½- —
l.c.l., same basis.....lb. .11¼- —
tanks, same basis.....lb. .09½- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs..lb. .85 - —
smaller lots.....lb. .87 - .92
yellow, fib. dms., 2,000 lbs..lb. .80 - —
smaller lots.....lb. .82 - .87
Phenothiazin, NF, fib. dms., 2,000-lb. shipt..lb. .49 - —
smaller lots, same basis..lb. .54 - —
Phenylacetaldehyde, 50% solut., bots..lb. 2.45 - 3.00
100% solut., bots.....lb. 4.40 - 5.00
Phenylethyl acetate, cns.....lb. 2.45 - 3.00
Phenylethylphenyl acetate, bots., lb. 5.50 - 7.90
Phenylhydrazin, base, CP, bots.lb. 4.55 - —
Hydrochloride, CP, bots., works, lb. 7.10 - —
commercial, kgs., works...lb. 1.75 - —
Phloroglucinol, CP, fib. dms..lb. 13.75 -14.75
tech., fib. dms.....lb. 12.00 -12.50
Phosgene, ton lots, works.....lb. .19 - —

Phosphate rock,[1,8] Fla., land pebble, unground, run-of-mine, washed, dried, 68%-66% b.p.l., M.P.R. 240 provisions, bulk, car at mine, c.l....long ton. 2.20 - —
70%-68% b.p.l., M.P.R. 240 provisions, same basis..long ton. 2.60 - —
72%-70% b.p.l., M.P.R. 240 provisions, same basis..long ton. 3.20 - —
75%-74% b.p.l., M.P.R. 240 provisions, same basis..long ton. 4.20 - —
77%-76% b.p.l., M.P.R. 240 provisions, same basis..long ton. 5.20 - —
entirely pebble 50c. per ton higher than above prices.
30% P_2O_5 minimum, short ton. 2.90 - —
31% P_2O_5 minimum, short ton. 3.10 - —
70%, basis 32% P_2O_5 minimum..short ton. 3.45 - —
Tenn., brown, unground, run-of-mine, 70%-68% b.p.l., 5% i. & a., M.P.R. 240 provisions, same basis, long ton. 5.00 - —
72%-70% b.p.l., 5½% i. & a., M.P.R. 240 provisions, same basis..long ton. 5.50 - —
refinery ground, same basis, long ton. 4.65 - —
30% P_2O_5, same basis.... long ton. 4.65 - —
31% P_2O_5, same basis..... short ton. 4.95 - —
32% P_2O_5, same basis..... short ton. 5.20 - —
33% P_2O_5, same basis..... short ton. 5.70 - —
Phosphate, defluorinated (see under D).
Phosphorus,[6] red, amorphous, cs. lb. .40 - .44
tins, export.....lb. .55 - —
yellow,[6] dms.....lb. .25 - —
cs.....lb. .23 - .25
Oxychloride,[6] cyls.....lb. .15 - .18
Pentoxide,[6] dms., c.l., wks..lb. .11 - .12
l.c.l., works.....lb. .13 - .14
Sesquisulphide,[6] cs.....lb. .38 - .42
Trichloride,[6] cyls.....lb. .15 - .16
Phthalamide, bbls., works....lb. .35 - .40
kgs., works.....lb. .45 - .50
Phthalic anhydride,[6] bgs., bbls., c.l., works, frt. alld. E. of Denver..lb. .13 - —
l.c.l., same basis.....lb. .14 - —
Pichi leaves, bgs.....lb. .07 - .08
Picoline (see Alphapicoline and Betapicoline).
Picrotoxin, bots.....oz. 3.00 - —
Pilocarpine hydrochloride, USP, bots., vis..oz. 3.90 - 5.25
Nitrate, bots., vls.....oz. 3.80 - 5.15
Pimento,[1] Jamaica, bgs.....lb. .23½- .24
Mexican (see Allspice, Mexican).
Pinetar, retort, non-ret. dms., c.l., dlvd. E..gal. .35¾- —
l.c.l., works, dms. incl..gal. .32¾- —
tanks, dlvd. E.....gal. .27 - —
Pinkroot, bls.....lb. 1.85 - 1.90
Piperazine hexahydrate, bots..lb. 16.00 - —
Pitch, burgundy (see B).
Coaltar,[2] 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l., works.....ton. 22.00 - —
Cottonseed, dms., works.....lb. .04 - .06
Hardwood, paper bgs., works.lb. .03½- —
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Soybean, dms., works.....lb. .04 - .06

Pine, dms.....100 lbs. 3.25 - —
stands, 200 lbs.....stand. 6.00 - —
Plaster of paris (see Gypsum).
Podophyllin, dms.....lb. 8.75 - 9.00
Pokeroot, bbls.....lb. .11 - .12
Polyamylnaphthalene, dms., l.c.l., works..lb. .25 - —
Pomegranate, root bark, bgs...lb. .80 - .85
Poppy flowers, bls.....lb. .60 - .70
Seed, Canadian, bgs.....lb. No stocks
domestic, blue, bgs.....lb. No stocks
Dutch, bgs.....lb. No stocks
Indian, white, bgs.....lb. No stocks
Turkish, bgs.....lb. No stocks
cleaned, bgs.....lb. No stocks
Potash abietate.....lb. .08 - —
Acetate, USP, bbls., dms...lb. .28 - .30
cns.....lb. .31 - .33
Arsenite,[6] USP, solut., cbys., djns..lb. .13 - .15
Bicarbonate, USP, cryst., gran., bbls., dms..lb. .19 - .21
Bichromate,[6] bbls., cks., c.l., works..lb. .09⅝- —
l.c.l., works.....lb. .09¾- .10
Potash bichromate in bgs., ½c. less.
Bromide, USP, gran., 500-lb. bbls., dms..lb. .27 - .31
100-lb. kgs.....lb. .23 - .32
Carbonate, cal., bbls., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l. works..lb. .05½- —
dms. l.c.l., same basis..lb. .05¾- —
USP, gran., bbls., dms....lb. .14 - .20
powd., bbls., dms.....lb. .19 - .21
Caustic, flake, 88-92%, dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .07½- —
45% basis, dms.....lb. .08⅛- .08½
tanks .....lb. .02⅝- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis..lb. .03½- —
tanks, same basis.....lb. .02¾- —
solid, 88-92%, dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
Chromate,[6] bgs.....lb. .24 - .28
Chlorate,[6] cryst., kgs., c.l., works..lb. .11 - .11¾
l.c.l., works.....lb. .119 - .13
powd., dms., kgs., c.l., works, lb. .09¾- .11¾
l.c.l., works.....lb. .119 - .13
export, 1 to 10 tons, kgs., ex whse..lb. .18 - .20
Chloride, tech., cryst., 98%, bgs., kgs..lb. .08 Nom.
Citrate, USP, gran., bbls., dms. lb. .33½- .38½
powd., 3c. per lb. higher.
Cyanide,[6] dms., works.....lb. .55 - —
Fluoride, bbls.....lb. .34 - .40
Glycerophosphate, 75% sol., cns., cbys..lb. 1.65 - 1.67
dms., 1,000 lbs.....lb. 1.50 - —
100 lbs.....lb. 1.60 - —
Guaiacolsulphonate, NF, dms.lb. 1.65 - 1.85
Hydroxide, USP, sticks, dms.lb. .34 - .36
Hypophosphite, cns.....lb. .72 - .76
Iodate, bots., 5 lbs.....lb. 3.46 - —
cns., 25 lbs.....lb. 3.35 - —
Iodide, bots., cns.....lb. 1.44 - 1.48
dms.....lb. 1.35 - 1.38
Manure salt, dom.,[6] 22% K_2O, f.o.b. Carlsbad, N. M..... unit-ton. .20 - —
Potash, manure salt, dom., 22% K_2O, seasonal contract discounts to March 31, 1945, 12%.
25% K_2O, same basis..... unit-ton. .21 - —
Metabisulphite, gran., bbls..lb. .19 - .21
powd., bbls.....lb. .25 - —

Potash, muriate, dom.,[6] 60-62-68% K_2O, bulk, ex vessel, ports. unit-ton. .53½- —
Seasonal contract discounts to March 31, 1945, 12%.
granular, 50-52% K_2O..... unit-ton. .53½- —
Russian,[6] future shipt., subject to safe arrival.unit-ton. .53¼- —
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than ex vessel price, basis Trona, Cal.; 8c. per unit of K_2O less than ex vessel price at Pacific Coast ports.
Nitrate (see Saltpeter). *H*
Oxalate, neutral, pure, gran., bbls., dms..lb. .37 - .50
tech., fine gran., bbls., dms., lb. .28 - .31
Perchlorate,[6] kgs., works....lb. .09⅝- .11
Permanganate, tech., dms., works..lb. .19¾- .20¼
USP, dms., works.....lb. .20½- .21
Persulphate, dms., c.l., works. lb. .16 - —
l.c.l., same basis.....lb. .20 - —
Prussiate, red, kgs.....lb. .50 - .53
Yellow, bbls.....lb. .16 - .17
Ricinoleate, tech., bbls.....lb. .18 - —
Silicate, glass, bgs., c.l., wks., ton.290.00 - —
l.c.l. .....100 lbs. 15.25 - —
solution, 29° Be, ret. drums, c.l., works..100 lbs. 4.25 - —
l.c.l., 5 or more, works, 100 lbs. 5.00 - —
1-4, works.....100 lbs. 5.50 - —
32° Be, ret. dms., c.l., works..100 lbs. 4.75 - —
l.c.l., 5 or more, works, 100 lbs. 5.50 - —
1-4, works.....100 lbs. 6.00 - —
40.5° Be, ret. dms., c.l., works..100 lbs. 5.75 - —
l.c.l., 5 or more, works, 100 lbs. 6.50 - —
1-4, works.....100 lbs. 7.00 - —
Sulphate, NF, gran.....lb. .14 - .20
powd., bbls.....lb. .15 - .21
tech., dom., bulk,[6] basis 90-95% K_2SO_4, min., 90% ex vessel, Atl. or Gulf ports.. ton.36.25 - —
Sulphocyanide, NF, dms.....lb. .70 - .78
Xanthate, dms., c.l.....lb. .12 - —
Potash-gold cyanide, 41% gold, bots., works..oz. 14.20 -14.95
Potash-magnesia sulphate, bulk,[6] min., 40% K_2SO_4, 18.50% MgO, ex vessel, ports...ton. 26.00 - —
Potash-soda ferricyanide, kgs., works..lb. .40 - .43
Potash-titanium oxalate, bbls., dms..lb. .45 - .50
Prickly ash bark, bls.....lb. .23 - .25
Berries, bgs.....lb. .20 - .21
Prince's pine herb, bls.....lb. .65 - .70
Procaine hydrochloride, cns., 100-lb. lots..lb. 3.75 - —
smaller lots.....lb. 4.25 - 4.75
Propane,[1] industrial grade, tanks, Group 3..gal. .03¾- —
Propyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .15½- —
l.c.l., same basis.....lb. .16½- —
tanks, same basis.....lb. .14½- —
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .65 - .66
Pumice, grd., fine, bgs., ton lots. lb. .03⅝- —
smaller lots.....lb. .03⅝- .04
coarse, 0½, 1, 1½, 2, 3, bgs., ton lots..lb. .03¼- —
smaller lots.....lb. .03¼- .04¼
Chi, ton lots.....lb. .04½- —
Pumice in bbls. is ½c. per lb. higher.



To All Our Friends

We extend cordial wishes for

A MERRY CHRISTMAS

and a

Prosperous New Year

with early Victory and Lasting Peace

☆

Innis, Speiden & Co.

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117 Liberty St., New York 6

BOSTON • CHICAGO • CINCINNATI • CLEVELAND • GLOVERSVILLE • PHILADELPHIA

Pumpkin seed, bgs.....lb. .38 - .40
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum,[1,6] concentrate, dewaxed, 20% for aerosol bombs, bbls., works....lb. 9.25 - 9.50
liquid (20 to 1), basis 2 grams pyrethrins per 100 cc., bbls., works..gal. 7.15 - —
(30 to 1), basis 3 grams pyrethrins per 100 cc., bbls., works..gal. 10.65 - —
flowers, coarse-grd., 0.9% pyrethrins, bbls., works..lb. .31½- —
fine-grd., 0.9% pyrethrins, bbls., works..lb. .33¾- —
powder, 0.5% pyrethrins, bbls., works..lb. .25 - —
Pyridin,[6] denaturing, ret. dms., works, frt. equald..gal. 1.55 - 1.60
refd., 2° ret. dms., same basis. lb. .45¼- .46
Pyrites, Spanish, c.l.f. Atl. ports, long tons. 8.00 -10.00
Pyrocatechin (see Catechol).
Pyronate, dms., works.....gal. .75 - 1.25
Pyrophyllite, standard, 200 mesh, c.l., pap. bgs., mines..ton. 10.00 - —
325 mesh, same basis....ton. 13.00 - —
No. 3, 200 mesh, c.l., mines..ton. 8.00 - —
325 mesh, same basis.....ton. 11.00 - —
Pyroxylin scrap, opaque, amber, c.s., works..lb. .17 - —
black, cs., works.....lb. .17 - —
China, white, ivory, cs., works..lb. .17 - —
dense, white, cs., works..lb. .17 - —
gray, cs., works.....lb. .17 - —
mixed, mottled, cs., works. lb. .14 - —
translucent pastels, cs., wks. lb. .17 - —
transparent, cs., works...lb. .19 - —
colors, cs., works.....lb. .17 - —
shavings, amber, cs., works..lb. .17 - —
mixed colors, cs., works...lb. .14 - —
white, cs., works.....lb. .17 - —

Q

Quassia chips, bls.....lb. .08 - .09
Quebracho extract,[6] solid, 63%, bgs., c.l., ex dock, in bond, based on ocean freight, $12; insurance $1 per ton. Any difference for buyers account. Current freight $21.60; WSA insurance, $3.75 per ton..lb. .04⅞- .05½
clarified, 64%, bgs., c.l., same basis..lb. .05⅜- .05⅝
dissolved, 85% tan., bbls., works..lb. .04125- .0550
tanks, works.....lb. .03625- .0450
ground, bgs., c.l.....lb. .08 - .09
l.c.l., bgs.....lb. .0825- .0950
Queen of the meadow root, bgs. lb. .11 - .13
Quercitron, crystals, bbls.....lb. .26 - —
extract, bbls., No. 1.....lb. .10 - —
No. 2.....lb. .09½- —
No. 3.....lb. .09 - —
solid, bxs.....lb. .18½- —
Quicksilver,[1] flasks (76 lbs. net). flask. 127.00 Nom.
Quince seed, bgs.....lb. 1.30 - 1.75
Quinidine,[6] NF V, cryst., cns..oz. 1.06 + .13½*
powd., precip., cns.....oz. 1.01 + .13½
Sulphate, USP, cns.....oz. .71 + .13½

* Surcharge of 13½c. per oz.; see note under Quinine.

Quinine,[6] NF, cns., 100 ozs...oz. .84 + .13½*
Acetate, cns., 100 ozs.....oz. 1.05 + .13½
Arsenate, cns., 100 ozs.....oz. 1.05 + .13½
Arsenite, cns., 100 ozs.....oz. 1.07 + .13½
Bisulphate, USP, cns., 100 ozs. oz. .60 + .13½
Citrate, cns., 100 ozs.....oz. .78 + .13½
Dihydrobromide, bots., 50 ozs. oz. .86 + .13½
Ethylcarbonate, USP, cns., 100 ozs..oz. 1.25 + .13½
Ferrocyanide, cns., 100 ozs...oz. 1.07 + .13½
Formate, cns., 100 ozs.....oz. 1.00 + .13½
Glycerophosphate, cns., 100 ozs. oz. 1.20 + .13½
Hydrochlorosulphate, cns., 100 ozs..oz. .81 + .13½
Hydriodide, cns., 100 ozs..oz. 1.05 + .13½
Hyposulphite, cns., 100 ozs..oz. 1.07 + .13½
Phosphate, NF, cns., 100 ozs.. oz. .80 + .13½
Salicylate, NF, cns., 100 ozs. oz. .79 + .13½
Sulphate, USP, cns., 100 ozs. oz. .67 + .13½
Sulphocarbolate, cns., 100 ozs. oz. 1.05 + .13½
Tannate, USP X, cns., 100 ozs. oz. .63 + .13½
Tartrate, cns., 100 ozs.....oz. 1.03 + .13½
Valerate, NF IV, 100 ozs.....oz. .99 + .13½

* Surcharge to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Change in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride,[6] USP, cns..oz. .81 + .13½*
Surcharge: See note under Quinine.
Quinoline, dms., c.l., works...lb. .24½- .50

R

R salt, dry, bbls.....lb. .65 - —
paste, dms.....lb. .52 - —
Raspberries, dried, bls.....lb. 1.25 - 1.30
Red, alizarin lake,[6] bbls., dlvd. N. of Tenn. and N. C., E. of Miss R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90

Prices ½c. per lb. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.); Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. per lb. higher dlvd. Pacific Coast prices equaled with Chicago dlvd. Denver, Pueblo, Salt Lake City, Wichita.

Red cadmium lithopone, deep shade, bbls., E. Rockies..lb. 1.00 - —
light shade, bbls., same basis..lb. .85 - —
medium shades, bbls., same basis..lb. .80 - —
Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher.
Selenide, dark, bbls., works. lb. 2.50 - —
light, same basis.....lb. 2.20 - —
Orange (see Orange).
Carmine, 40, dms., 100 lb. lots, works..lb. 4.60 - —
smaller lots, same basis..lb. 4.75 - 5.25
Crocus Martis (see Red, purple oxide).
Dyes (see Dyes, red).
Eosin toner, bbls., works....lb. 1.35 - —
Firetoner, dom., bbls., works.lb. .85 - —
Indian, dom., pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .09¼- —
80-85%, bbls., same basis..lb. .09¾- —
imp., English, all shades..lb. .12 - —
Iron oxide, pure, bbls.....lb. .09 - .09¾
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Pa.; Copley, O.; Easton, Pa., and E. St. Louis..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .08½- .086
Lacquer, maroon, bbls., works. lb. 1.25 - —
Lake C toner, alizarin, bbls., works..lb. .90 - —
Lithotoner, alizarin, lake, bbls., works..lb. .60 - —
Pink, bbls., works.....lb. .20 - .25
Rose lake, bbls., works....lb. .25 - .28
Lithol-rubin toner, alizarin lake, bbls., works..lb. 1.10 - —
Maroon, alizarin lake, 25%, kgs., works..lb. .40 - —
Cadmium, bbls., works....lb. 1.10 - —
deep, bbls., same basis..lb. 1.20 - —
Maroon, in smaller pkgs., 5c. per lb. higher.
Mercury oxide,[3] tech., bbls., 10,000 lbs., works..lb. 2.00 - —
smaller lots.....lb. 2.02 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide (see Red, iron oxide).
Para[3] toner, concent., alizarin lake, kgs., works..lb. .70 - —
Phloxin toner (see Red, Eosin toner).
Phosphotungstic rhodamine, Y, kgs., works..lb. 4.15 - —
Purple, lake, kgs.....lb. 1.00 - —
Scarlet ink toner, kgs., works. lb. .55 Nom.
lake, alizarin, kgs., works, lb. .35 - —
Spanish oxide, grade 1, c.l., bbls..lb. .04¾- .07¾
Toluidin toner, alizarin lake, kgs., works..lb. 1.05 - —
M.N.P.T. maroon toner, kgs., works..lb. 3.25 - —
Turkey, bbls., works.....lb. .14½- —
Tuscan, bbls., E. St. L.....lb. .11 - —
Venetian, 5%, bbls., works..lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03½- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls.....lb. .25 - .40
Quicksilver, bbls.....lb. 2.25 - 2.35
Red precipitate,[3] NF, powd., fib. dms..lb. 2.17 - 2.19
Red saunders wood, grd., bbls.lb. .35 - —
Resorcinol, tech., dms., frt. alld. E. of Miss..lb. .68 - .75
USP, cryst., dms., 100 lbs., frt. alld. E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .16 - .17
Rhubarb, whole, cs.....lb. .75 - .80
powd., bbls.....lb. .80 - .85
Riboflavin, bots., 100 grams.kilo. 200.00 - —
Rice bran concentrate, dms., Cedartown, Ga. or Emeryville, Calif., seller's option. lb. .79 - —
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .43¼- —
smaller lots.....lb. .44 - .47
powd., bbls., 5,000 lbs., 1 ship't..lb. .42¼- —
smaller lots.....lb. .43 - .46
Rose flowers, pale, bls.....lb. .45 - .50
Rosemary flowers, bls.....lb. 1.45 - 1.50
Leaves, Portuguese, bls.....lb. .08¾- .09¼
Spanish, bls.....lb. .13¾- .14¼
Rosin, gum[1]:—
B, dms., c.l.....100 lbs. 5.90 - —
D, dms., c.l.....100 lbs. 5.97 - —
E, dms., c.l.....100 lbs. 6.50 - —
F, dms., c.l.....100 lbs. 6.60 - —
G, dms., c.l.....100 lbs. 6.64 - —
H, dms., c.l.....100 lbs. 6.66 - —
I, dms., c.l.....100 lbs. 6.66 - —
K, dms., c.l.....100 lbs. 6.70 - —
M, dms., c.l.....100 lbs. 6.72 - —
N, dms., c.l.....100 lbs. 6.88 - —
W.G., dms., c.l.....100 lbs. 7.13 - —
W.W., dms., c.l.....100 lbs. 7.40 - —
X, dms., c.l.....100 lbs. 7.40 - —
Wood, F.F.,[1] dms., c.l..100 lbs. 4.32½- 4.35
l.c.l.....lb. 4.62½- 4.65
Rotenone,[1,6] CP, bbls., works.lb. 10.90 - —
extract, liq., dms., works..... per unit. 1.05 - —
powder (see Cube root).
Rottenstone, bgs., c.l., mines.ton. 25.50 - —
l.c.l., same basis.....ton. 37.50 - —
Rue, bls.....lb. .70 - .75

S

Sabadilla seed, powd., bbls....lb. .32 - .35
Saccharin,[1] soda (soluble), dms., makers, primary distrib., 1,000 lbs. and up..lb. 1.30 - 1.35
smaller lots, same basis..lb. 1.40 - 1.60
Saffron, Mexican, bls.....lb. 1.20 Nom.
Spanish, tins.....lb. 42.00 Nom.
Safrol, cns.....lb. 1.10 - 1.15
Sage,[1] Calif., French type, bls., f.o.b. Pacific Coast..lb. .80 - .81
leucophylla, bgs., Pacific Coast lb. .45 - .48
Cyprus, good, bls.....lb. .17 - .17½
fair, bls.....lb. .14½- .15
Palestine, bls.....lb. .16 - .16½
Spanish, bls.....lb. .17¾- .18½
Sago flour, bgs.....lb. .05 - .05¾
Salicin, bots., 5 lbs.....lb. No stocks
cns., 25 lbs.....lb. No stocks
Saligenin, dms.....lb. 15.00 -20.00
Salol, gran., bbls., kgs.....lb. .90 - —
fib. dms.....lb. .92 - .93
powder, 10c. per lb. higher.
Salt rock, bgs., c.l.....ton. 14.20 - —
l.c.l., bgs.....ton. 17.00 -18.00
vacuum, common, fine, bgs., c.l.....ton. 15.70 - —
l.c.l.....ton. 19.40 -23.20
Saltcake, dom., bulk, works.ton. 15.00 - —
Chrome (see Chrome cake).
Saltpeter, dbl. ref., fran., bbls., 10 tons..100 lbs. 8.20 - —
smaller lots.....100 lbs. 8.35 - 8.60
powd., bbls., 10-20 tons..... 100 lbs. 9.20 - —
smaller lots.....100 lbs. 9.35 - 9.60
Sanguinarine nitrate, bots....oz. 3.75 - —

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DAVID DIETZ, *Science Editor of the Scripps-Howard Newspapers, Author, and Pulitzer Prize Winner*

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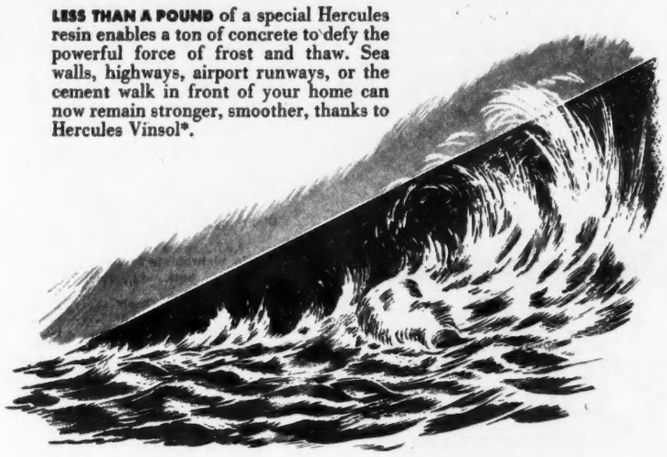

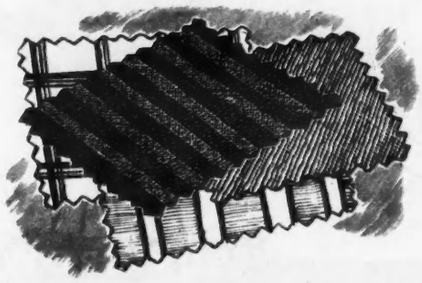

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CONSERVING CRITICAL MATERIALS is but one important contribution of Hercules Poly-pale* resin to varnish resin producers. This polymerized rosin is permitting savings of glycerin and other scarce materials as high as 30% without sacrificing quality.

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NI-44

HERCULES POWDER COMPANY
INCORPORATED
936 MARKET STREET, WILMINGTON 99, DELAWARE

Santonin, cryst., cns.....kilo. 200.00 - 210.00
Saponin, No. 1, cns.....lb. 1.75 - 1.90
No. 2, cns.....lb. 1.40 - —
Sarsaparilla root, Amer., bls..lb. .35 - .37
Honduras, bls.....lb. .45 - .50
Mexican, bls.....lb. .20 - .22
Sassafras bark, ord., bls.....lb. .40 - .45
select, bls.....lb. .60 - .65
Savory, Spanish, bls.....lb. .24 - .25
dom., bls., f.o.b. Calif.....lb. .82 - .83
Saw palmetto berries, bgs.....lb. .20 - .21
Scammony resin, lump, cns...lb. 1.30 - —
powd., cns.....lb. 1.35 - —
Root, bgs.....lb. .08 - .10
Schaeffer's salt, bgs.....lb. .46 - —
Scullcap, Eastern, bls.....lb. No stocks
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .33¾- —
smaller lots.....lb. .34¼- —
kegs, 5,000 lbs, 1 shipm't..lb. .34¼- —
smaller lots.....lb. .34¾- —
Selenium, pwd., cs., 1,000 lbs..lb. 1.75 - —
cns., 10 lbs.....lb. 1.85 - —
Senega root, spot, lbs.....lb. 1.10 - 1.15
Senna, Alex., half-leaf, bls....lb. .19 - .22
siftings, bgs.....lb. .18 - .19
Tinnevelly, No. 1, bls.....lb. .16 - .16½
2, bls.....lb. .11½- .12
3, bls.....lb. .10 - .10½
powd., bbls., bgs.....lb. .15 - .17
Pods, bls.....lb. .09 - .10
Serpentaria root, bls.....lb. 1.40 - 1.50
Sesame seed,[1] Chinese, hulled, bgs..lb. .13½- .14
Indian, hulled, recleaned, bgs. lb. No stocks
natural, bgs.....lb. .11 Nom.
Shellac,[6] bonedry, bbls., 1,000 lbs..lb. .42½- —
Boston .....lb. .43½- —
Chicago .....lb. .44 - —
Pacific coast.....lb. .46 - —

Shellac, refined, bbls., 1,500 lbs., lb. .48¼- —
Boston .....lb. .49½- —
Chicago .....lb. .50 - —
Pacific coast.....lb. .52 - —
Bonedry shellac sales of less than 1,500 lbs., at following additions to maximum prices:—(1) packed in bgs., ¾c. per lb., (2), bbls., 1c. more; (3) kgs., 3c. more.
D.C., V.S.O., Diamond I, bgs., lots of 100...lb. .4660- —
Garnet, bgs., lots of 100....lb. .3890- —
Superfine, bgs., Boston, N. Y., lots of 100...lb. .3660- —
Chicago, lots of 100.....lb. .3710- —
Pacific coast, lots of 100...lb. .3960- —
TN, bgs., Boston, N. Y., lots of 100...lb. .3550- —
Chicago, lots of 100.....lb. .3600- —
Pacific coast, lots of 100...lb. .3805- —
Shellac in cs., 2c. higher. Shellac sales, 1 bg. or 1 cs., 5c. additional; 1 to 9 bgs. or cs., 2c. more; 10 to 99 bgs., cs., 1c. more.
Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill., works. ton.17.00 - —
l.c.l., same basis....ton.20.00 - —
400 mesh, bgs., c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.19.00 -20.00
wet-grd., 325 mesh, bgs., c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.21.00 - —
400 mesh, bgs., c.l., same basis..ton.30.60 - —
l.c.l., same basis....ton.35.00 -38.00
96-98%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.21.50 -23.00
99%, 325 mesh, bgs., c.l., same basis..ton.20.00 - —
l.c.l., same basis....ton.22.00 -25.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., same basis..ton.15.50 - —
l.c.l., same basis....ton.18.50 - —

Silica, hard-quartz, 140 mesh, bgs., c.l., same basis..ton.11.00 - —
l.c.l., same basis....ton.16.00 - —
Silicon tetrachloride, tech., 55-gal. drms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .18½- —
10 gals., works.....lb. .27 - —
Silver bullion.....oz. .44¾- —
govt. purchase, dom.....oz. .7111- —
govt. purchase,[1] foreign...oz. .44¾- —
Cyanide, cns., 100 ozs.....oz. .41½- —
Nitrate, 100-oz. bots.....oz. .32¾- —
Nucleinate, bots., drms.....oz. .308 - .358
Proteinate, bots., drms.....oz. .288 - .328
Simarubra bark, bls.....lb. .52 - .55
Skunk cabbage root, bls.....lb. .40 - .45
Slate flour, bgs., c.l., works..ton.11.00 -12.00
l.c.l., works.....ton.12.00 -13.00
Sloe berries, bgs.....lb. .40 - .41
Smalt, black, ctns.....lb. .05 - .08
Blue, ctns.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .80 - .85
Soapbark, bls.....lb. .11¾- .12¼
crushed, bls., bbls.....lb. .13 - .14
cut, dom., bls., bbls.....lb. .16 - .19
imp., bbls.....lb. .18 - .19
powd., bbls.....lb. .16 - .17
Soda acetate, anhyd., drms., dlvd. lb. .08¼- .10
l.c.l., dlvd.....lb. .05½- .06
NF, bbls., dlvd.....lb. .09½- .10
Alginate, refined, water-soluble, bbls., works..lb. .79 - —
semi-refined, bbls., works..lb. .42 - —
white, powd., drms.....lb. 1.50 - 1.80
Aluminate,[6] for water treat., bgs., c.l., works..100 lbs. 7.50 - —
l.c.l., works.....100 lbs. 8.40 - —
other uses, bgs., c.l., works. 100 lbs. 7.00 - —
l.c.l. .....100 lbs. 7.50 - 8.00
Antimoniate, bbls., dlvd.....lb. .15 - .15½
Arsenate,[6] drms., dealers, c.l., works..lb. .09½- —
l.c.l., same basis.....lb. .10¾- .11¼

Soda, arsenite,[6] gray, drms., dealers, c.l., works..lb. .08¼- —
l.c.l., works.....lb. .09 - .10
Soda arsenite, gray, ¾c. higher in Chi.; 2c. higher in Houston, Tex., and Palo Alto, Calif.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.15 - —
l.c.l., dlvd., zone 1.... 100 lbs. 2.18 - —
2 .....100 lbs. 2.33 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
bbls., c.l., works...100 lbs. 1.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l.... 100 lbs. 1.13 - —
l.c.l., dlvd., zone 1.... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.45 - —
l.c.l., dlvd., Zone 1.... 100 lbs. 2.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.13
l.c.l., dlvd., Zone 1.... 100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., dlvd., Zone 1.... 100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash sales zones are:—(1) All States E. of Miss. R. and N. of south. bound. of Ky. and Va.; also Ala., La., and Miss., S. of 31°, Tex. E. of 100°, S. of 31°, Fla.; also Me., N. H., and Vt., in which there are special county zones; Davenport, Ia., and St. Louis; (2) Ark., E. of 93°, Ga.; Iowa (except Davenport), Minn.; Mo. (except St. Louis), Neb. E. of 98°, N. C., S. C., Tenn. and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La., and Miss. No. of 31°; (3) Ark. W. of 93°, Kans., Neb., W. of 98°, N. D., Okla., S. D., Tex., W. of 100° (including Wichita Falls (excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.

Benzoate, tech., bbls., 2 tons or more..lb. .39 - —
smaller lots.....lb. .40 - .41
USP, drms., 2 tons or more..lb. .46 - —
smaller lots.....lb. .47 - .52
Bicarbonate, tech., bgs., c.l., works..100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90 - —
USP, gran., bgs., c.l., works, 100 lbs. 2.10 - —
l.c.l .....100 lbs. 2.45 - —
Bichromate,[6] bbls., cks., c.l., works..lb. .07¾- —
l.c.l., works.....lb. .07½- .07¾
Soda bichromate in bgs., ½c. less.
Bifluoride, bbls., c.l., frt. alld. E..lb. .11½- —
l.c.l., same basis.....lb. .12 - .14
kgs., l.c.l., same basis.....lb. .12½- .14
Bisulphite, powd, bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solut., 32°, bbls., c.l., works, 100 lbs. 1.30 - —
l.c.l., works.....100 lbs. 1.55 - —
30°, bbls., c.l., works.100 lbs. 1.35 - —
l.c.l., works.....100 lbs. 1.30 - —
35°, bbls., c.l., works.100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - —
40°, bbls., works.....100 lbs. 1.55 - —
l.c.l., works.....100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs., works..lb. .27 - .30
fiber drms., works, 100 lbs., lb. .28 - .31
Cacodylate, 5-lb. bots., works, lb.17.00 - —
Carbonate (see Soda ash, soda monohydrate, soda sal).
Caustic, flake, powd., 76%, drms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1, dlvd..... 100 lbs. 3.55 - —
2, dlvd.....100 lbs. 3.70 - 5.05
3, dlvd.....100 lbs. 3.95 - 5.30
4, dlvd.....100 lbs. 4.35 - 5.70
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works..... 100 lbs. 1.95 - —
70%, buyers' tanks, works.. 100 lbs. 1.97½- —
sellers' tanks, works..... 100 lbs. 2.00 - —
solid, 76%, drms., c.l., works.. 100 lbs. 2.30 - —
l.c.l., Zone 1, dlvd..... 100 lbs. 3.15 - —
2, dlvd.....100 lbs. 3.30 - —
3, dlvd.....100 lbs. 3.55 - —
Caustic soda zones are same as soda ash.
Chloride (see Salt).
Chlorate,[6] cryst., kgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., kgs., c.l., works....lb. .06½- —
l.c.l., works.....lb. .07 - .08¼
Chromate,[3,5] bbls., cks., c.l., works, frt. equald..lb. .08¾- —
l.c.l., works, frt. equald..lb. .08¾- .09¼
Soda chromate in bgs. is ½c. lower.
Cinchophen, bots., drms.....lb. 3.75 - 3.85
Citrate, USP VIII, bbls.....lb. .18½- —
drms. .....lb. .19½- .22½
USP XII, gran., bbls.....lb. .24 - —
drms. .....lb. .25 - .29
powd., bbls.....lb. .24½- —
drms. .....lb. .25½- .29½
Cyanide,[6] 96-98%, drms.....lb. .14½- .15
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09¼- .10½
anhyd., drms., dlvd.....lb. .12½- —
Fluoride, white, 90%, bbls., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
95%, bbls., c.l., works...lb. .07¼- —
l.c.l., works.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Formate, bgs., c.l., works...lb. .0655- —
l.c.l., works.....lb. .068 - —
Glutamate, monobasic, kgs..lb. 1.04 - 1.06
Glycerophosphate, NF, cryst., bbls., 1,000 lbs..lb. 1.25 - —
dms. .....lb. 1.40 - —
powdered, 5c. higher.
solution, 50%, cbys., cns...lb. .82 - .90
Hydrosulphite, dms., frt. alld., lb. .17 - .18
Hydroxide, USP, sticks, dms.lb. .24 - .26
Hypophosphite, NF, cns.....lb. .67 - .70

SOLE MFRS. SINCE 1908
BICHROMATE
Natural
OF SODA
NATURAL PRODUCTS REFINING CO. JERSEY CITY, NEW JERSEY

SOLE MFRS. SINCE 1908
BICHROMATE
Natural
OF POTASH
NATURAL PRODUCTS REFINING CO. JERSEY CITY, NEW JERSEY

Some Significant Facts

TO DATE we have shipped larger tonnages of Natural BICHROMATES than during the corresponding period of 1943. *Naturally,* the quality easily passed rigid inspections of various War agencies.

When the calm of peace arrives please bear in mind that NATURAL furnishes "the finest"—"fastest". Throughout the War we have remained manufacturers of the same products as in peace time. We have no retooling or reconversion problem. We are desirous of renewing relations with our pre-war customers, and invite new inquiries.

NATURAL PRODUCTS REFINING COMPANY

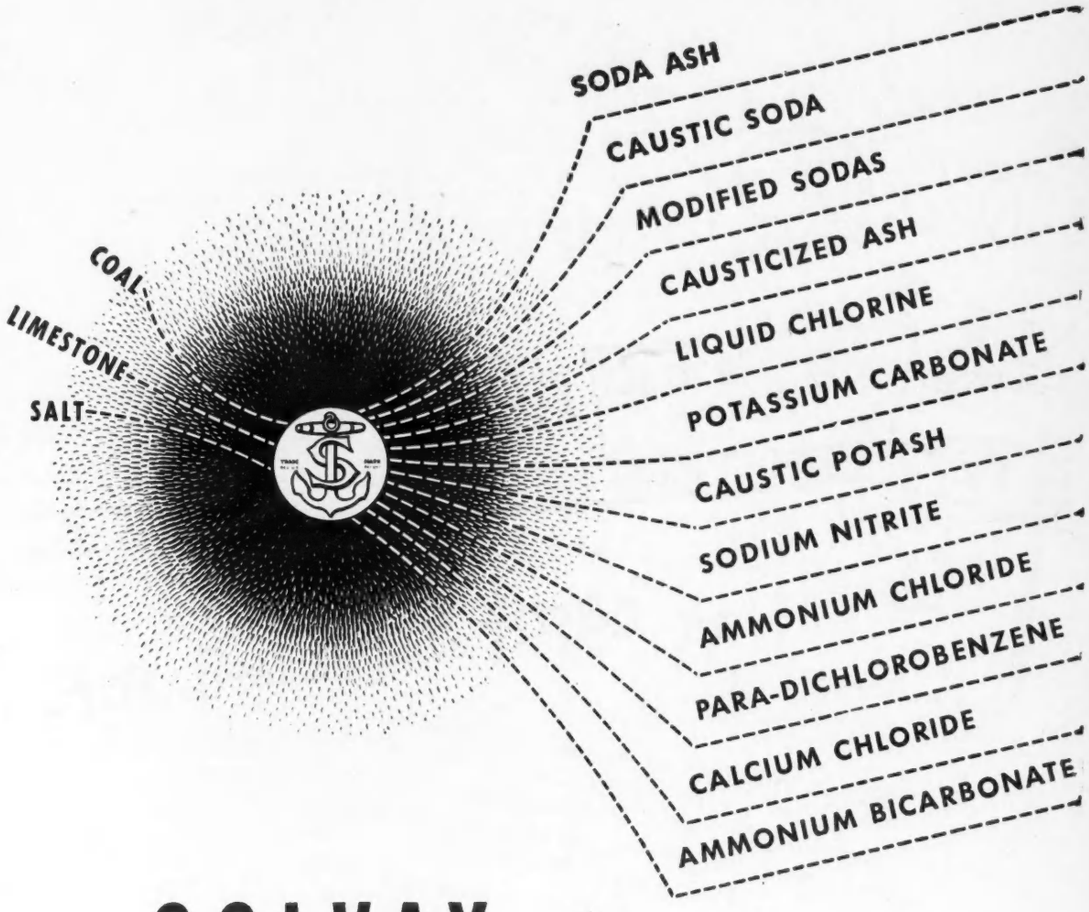
904 GARFIELD AVE. JERSEY CITY 5, N. J.

Soda hyposulphite, cryst., bgs., c.l., works, frt. equald..
100 lbs. 2.25 - —
l.c.l., same basis.100 lbs. 2.50 - —
pea, bgs.,.c.l., works.100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.75 - 3.95
Soda, hyposulphite, crystals in bbls., 20c. higher; pea crystals, dms., 50c. higher.
Iodate, dms., jars.....lb. 5.40 - 5.48
Iodide, bots.....lb. 2.53 - 2.57
dms., jars.....lb. 2.42 - —
Mandelate, dms.....lb. 3.25 - 3.35
Metanilate, bgs.....lb. .40 - —
Metasilicate, anhyd., dms., c.l., works, frt. equald..100 lbs. 4.00 - —
l.c.l., same basis...100 lbs. 4.90 - 5.30
gran., bbls., c.l., works, frt. equald..lb. 2.50 - —
l.c.l., dlvd.....100 lbs. 3.30 - 3.55
Molybdate,[6] anhyd., kgs., works, lb. .47 - —
Methylate, bots., works.....lb. 1.00 - —
cns., works.....lb. .55 - .60
dms., works.....lb. .45 - .60
Monohydrated, bgs., c.l..100 lbs. 2.90 - —
works .....100 lbs. 2.45 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate,[6] crude, dom., 100-lb. bgs., cl., works..ton.30.05 - —
bulk, same basis.....ton.27.00 - —
imp., 100-lb. bgs., c.l., Atl., Gulf, Pac., whse..ton.33.00 - —
200-lb. bgs., same basis, ton.32.40 - —
bulk, same basis.....ton.30.00 - —
refd., gran., bbls., 10 tons. 100 lbs. 3.60 - —
smaller lots.....100 lbs. 3.75 - 4.00
Nitrite, 96-98%, bbls., c.l., wks., frt. equald..lb. .06¾- —
West Coast ports.100 lbs. 8.00 - 8.65
l.c.l., dlvd.....100 lbs. 8.90 -11.90
Orthosilicate, anhyd., dms., c.l., works, frt. equald..100 lbs. 4.50 - —
l.c.l., same basis..100 lbs. 5.45 - 5.85
flake, dms., c.l., wks..100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 4.30 - 4.65
Oxalate, neut., bgs., wks....lb. .10 - —
Pantothenate, dest., 100-gram bots..per gram. .10 - —
Pentachlorophenate, briquets, bgs., works, frt. equald..lb. .17 - .18
powd., bgs., c.l., works, frt. equald..lb. .16 - .16½
lb. .16 - .16½
l.c.l. works, frt. equald..lb. .17 - —
kgs., works, frt. equald..lb. .19 - —
Perborate,[6] NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15½- —
Peroxide,[6] dms., c.l., dlvd. E. of Miss..lb. .14 - —
smaller lots.....lb. .17 - —
Phosphate,[6] dibasic, tech., anhyd., bgs., c.l., works..... 100 lbs. 6.00 - 6.25
l.c.l., works....100 lbs. 6.50 - 7.25
cryst., bgs., c.l., works.. 100 lbs. 2.55 - 2.70
l.c.l., works.....lb. 2.95 - 3.45
USP XII, gran., bbls., dms., works..lb. .10 - —
dried, bbls., dms., works. lb. .16 - —
monobasic, anhydrous, bgs., c.l., works..100 lbs. 7.25 - 8.25
l.c.l., works.....100 lbs. 8.00 - 9.00
tribasic,[6] anhydrous, bgs., c.l., works, frt. equald..100 lbs. 6.00 - —
l.c.l., same basis..100 lbs. 6.50 - —
cryst., bgs., c.l., same basis. 100 lbs. 2.70 - —
cryst., bgs., l.c.l., same basis. 100 lbs. 3.40 - —
kgs., c.l., works....100 lbs. 3.40 - —
l.c.l., works.....100 lbs. 4.15 - —
USP (see Sodium phosphate, dibasic). Soda phosphate in bbls. is 20c. higher.
Prussiate, yellow, bgs.....lb. .10¾- —
bbls.....lb. .11 - —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs.....100 lbs. 1.35 - —
works .....100 lbs. 1.10 - —
bbls. .....100 lbs. 1.40 - —
works .....100 lbs. 1.20 - —
Salicylate, dms.....lb. .52 - .55
Sesquicarbonate, c.l., bgs., works..100 lbs. 1.50 - —
bbls., c.l., works.....100 lbs. 1.70 - —
l.c.l., zone 1, dlvd...100 lbs. 2.70 - —
2, dlvd.....100 lbs. 2.85 - —
3, dlvd.....100 lbs. 3.10 - —
4, dlvd.....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. price zones are same as those for soda ash.
Sesquisilicate, dms., c.l., works, 100 lbs. 3.05 - —
l.c.l., dlvd.....100 lbs. 4.05 - 4.30
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., works.....100 lbs. 1.05 - 1.20
tanks, works.....ton.12.00 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., works.....100 lbs. 1.65 - 1.80
tanks, works.....ton.25.00 - —
Silicofluoride, bbls., c.l., works, lb. .06½- .07
l.c.l., same basis.....lb. .08 - .10
Soda, stannate, dms., works, frt. alld. E..lb. .32½- .36½
Stearate, bbls., works.....lb. .19 - .24
Sulphate, NF, dried, powd., bbls..lb. .07 - .07½
tech., anhyd., bgs., bbls., c.l., works..100 lbs. 1.70 - 1.90
5 tons or more, works.. 100 lbs. 1.95 - 2.15
less than 5 tons, works. 100 lbs. 2.20 - 2.40
cryst. (see Glauber's salt). USP, cryst., gran., bbls..lb. .07 - .10
Sulphadiazin, USP, dms.....lb.10.50 - —
Sulphamerazin, dms.....lb.10.50 - —
Sulphathiazole, USP, dms., 1,000-lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., dlvd.....100 lbs. 2.90 - 3.15
solid, bbls., c.l., works.100 lbs. 3.15 - —
l.c.l., dlvd.....100 lbs. 3.65 - 3.90
Sulphite, cryst., bgs., c.l., works 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.35 - —
bbls., c.l., works.....100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.55 - —
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l. .....100 lbs. 5.50 - 6.00
Sulphocarbolate, USP IX, gran., bbls., dms..lb. .28 - .38
powd., bbls.....lb. .30 - .35
Sulphocyanide, CP, dms.....lb. .55 - .65
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., works..lb. .05½- —
l.c.l., works.....lb. .06 - .08
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinoleate, bbls.....lb. .12 - —
Tetrapyrophosphate,[6] anhyd., bgs., c.l., works, frt. equald..100 lbs. 5.25 - —
l.c.l., same basis..100 lbs. 5.40 - —
Thiosulphate (see Soda hyposulphite).
Tungstate,[6] tech., kgs.....lb. 1.35 - 1.50
Soda-formaldehyde sulphoxalate, stand cont. (125-250 lbs.)..lb. .19 - .22
Solvent naphtha,[6] dms., wks.gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
Minnequa, Colo.....gal. .27 - —

Solvent naphtha, high-flash, dms., works..gal. .32 - —
tanks, frt. alld. E. of Omaha to 2c. per gal..gal. .27 - —
Soybean meal,[1] 41%, Decatur, bulk, c.l..ton.45.00 - —
Protein, alpha, bgs., 40,000-60,000 lbs., works..lb. .20 - —
20,000-40,000 lbs., works.lb. .20¼- —
smaller lots, works.....lb. .20½- .24
Sorbitol,[6] com'l, dms., c.l., works, lb. .14¾- —
l.c.l., works.....lb. .15½- —
Sparteine sulphate, bots., cns..oz. 1.80 - 1.90
Spearmint leaves, bls.....lb. .48 - .49
Spikenard root, bls.....lb. .33 - .34
Spruce extract, liq., reg., bbls., c.l., works..lb. .02½- —
tanks, works.....lb. .01½- —
pwd., super, bgs., c.l., wks.lb. .04½- —
Squaw vine, bls.....lb. .53 - .55
Squill, red, fortified, powd., bbls., bxs..lb. 2.25 - —
White, bls.....lb. .14 - .16
powd., bbls., bxs.....lb. .18 - .19
St. Ignatius beans, bgs.....lb. No stocks
St. John's bread, edible, bls...lb. .16 - .17
Starch, corn, pearl, bgs..100 lbs. 4.08 - —
Chicago .....100 lbs. 3.72 - —
powd., bgs.....100 lbs. 4.19 - —
Chicago .....100 lbs. 3.83 - —
Potato, bgs., c.l.....lb. .0637- —
l.c.l. .....lb. .0712- —
Rice, bgs., c.l.....lb. No stocks
Sweetpotato, bgs.....lb. .09 - .09¼
Wheat, thick boil, bgs.....lb. .05 - —
Starch iodide, bots.....lb. 1.87 - —
Stearin, oleo (see Oleostearin).
Stillingia root, bls.....lb No stocks
Stoneroot, bls.....lb. .07¼- .08
Storax, cs.....lb. 1.25 - 1.50
Stramonium leaves, bgs.....lb. .21 - .22
Seed, bgs.....lb. .20 - .21

Strontium bromide, cns., dms..lb. .53 - .55
Carbonate, 90%, bbls.....lb. .14 - .16
98%, bbls.....lb. .23 - .25
Chloride, tech., bbls.....lb. .22 - .24
Chromate, bbls., kgs., Phila..lb. .35 - .37
Iodide, bots.....lb. 3.06 - 3.15
jars, 25 lbs.....lb. 3.00 - —
Lactate, dms.....lb. 1.30 - 1.35
Nitrate, bbls., c.l., works....lb. .07¾- —
l.c.l., works.....lb. .08¼- .08¾
Oxalate, bbls.....lb. .37½- —
Salicylate, NF, dms.....lb. 1.10 - 1.13
Sulphate, nat., 92% min., air-floated, 300 mesh, bbls., c.l., works..ton.52.00 - —
l.c.l., works.....ton.54.00 - —
Strontium-calcium sulphide, phosphorescent, dms., works..lb. 2.50 - 2.85
Strophanthin, bots.....oz.30.00 -50.00
Strophanthus seed, Komba, bgs., lb. 2.65 - 2.70
Styrolyl acetate, bots.....lb. 2.50 - 3.10
Styrchnine, NF, cryst., cns., 100 ozs..oz. .70 - —
powd., cns., 100 ozs.....oz. .60 - —
Acetate, cns., 100 ozs.....oz. .88 - —
Arsenate, cns., 100 ozs.....oz. .91 - —
Arsenite, cns., 100 ozs.....oz. .88 - —
Glycerophosphate, cns., 100 ozs., oz. .89 - —
Hydrochloride, cns., 100 ozs.oz. .88 - —
Hypophosphite, 25-oz. cns., 100 ozs..oz. 1.00 - —
Nitrate, NF, 100 ozs.....oz. .82 - —
Phosphate, NF, 100 ozs.....oz. .89 - —
Sulphate, cryst., cns., 100 ozs., oz. .58 - —
powd., cns., 100 ozs.....oz. .48 - —
Sucrose octa-acetate, denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works..lb. .40 - —
Sugar coloring (see Caramel coloring).
Sugar of milk (see Milk sugar).
Sulphadiazin, USP, 100-lb. dms., lb. 9.00 - —
Sulphamerazin, dms.....lb. 9.00 - —
Sulphaguanidin, 100-ob. dms...lb. 5.50 - —

Sulphanilamid, bots.....lb. 1.35 - —
fib. dms.....lb. .90 - 1.10
Sulphapyridin, powd., bots., tins, lb. 5.00 - 5.50
Sulphathiazole, dms., 1,000 - lb. lots..lb. 2.50 - —
500-lb. lots.....lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.80
Sulphonethylmethane, kgs.....lb. 6.75 - 6.85
Sulphonmethane, kgs.....lb. 5.25 - 5.35
Sulphur, crude, c.l., bulk, mines, contracts..long ton.16.00 - —
f.o.b. vessels, Gulf ports, contract..long ton.17.50 - —
flour, comm'l, 99½%, bgs., c.l., works..100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 2.00 - 2.15
precipitated, USP, bbls., kgs., lb. .18 - .30
refined, flour, extra fine, bgs., c.l., works..100 lbs. 2.90 - —
l.c.l., works.....100 lbs. 3.25 - 3.40
heavy bgs., c.l., works..... 100 lbs. 2.60 - —
l.c.l., works.....100 lbs. 2.95 - 3.10
light, bgs., c.l., works..... 100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.05 - 3.20
Refined sulphur in bbls., 35c. higher.
USP, bgs., c.l., works.100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.40 - 3.55
rock, bbls., c.l., works.100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.55 - 2.70
roll, bbls., c.l., works..100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.75 - 2.90
Chloride, 55-gal. dms., c.l., works..lb. .03 - .03¼
l.c.l. works.....lb. .04 - .04½
10-gal dms., c.l., works...lb. .07 - .07½
l.c.l. .....lb. .08 - .08¾
Dioxide, liquid, com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04¼- .06
tanks, works.....lb. .04 - —
refrigeration, cyls., works, lb. .18 - .21
Iodide, bots., jars.....lb. 3.90 - 4.11



SOLVAY

Alkalies and Chemical Products

Manufactured by The Solvay Process Company

for America's Leading Industries ★

SOLVAY SALES CORPORATION • 40 RECTOR STREET, NEW YORK 6, N. Y.

Sumac extract, No. 1, bbls....lb. .08 - —
No. 2, bbls....lb. .07 - —
stainless, bbls....lb. .09 - .11

Superphosphate,[1] pulverized, run-of-pile, under 22% a.p.a., bulk, production points, Balto..unit-ton. .65 - —
Florida ....unit-ton. .51 - .54
others ....unit-ton. .57 - .84

Delivery points, Ariz., Calif., Colo., Ida., Kans., Nev., N. M., Ore., Utah, Wash., 88½c. per unit-ton plus frt. charge from Anaconda, Mont., in excess of $8.03 per ton.

Superphosphate,[1] gran., 2c. per unit-ton higher than pulverized; guaranteed 18%, 19% or 20% a.p.a., ½c. per unit-ton higher.

triple 40% and more a.p.a., bulk, producing points, Florida..unit-ton. .63 - —
South Carolina..unit-ton. .70 - —
Tennessee ....unit-ton. .75 - —

Other States and D.C., 62c. per unit-ton plus frt. charge for 48% from E. Tampa, Fla.

Sweet basil, bls., f.o.b. Calif..lb. .90 - .91

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Talc, dom., aluminum-flake type, grd., bgs., c.l., works..ton.14.50 -24.50
l.c.l., works....ton.16.50 -30.00
Calif., bgs., c.l., wks..ton.17.50 -43.00
fibrous, grd., coarse, off-color, New York, bgs., c.l., works..ton.13.00 - —
fine, New York, 325 mesh, 93-94% bgs., c.l., works, ton.13.00 -18.00
96 - 99.5%, bgs., c.l., works..ton.15.25 -19.25
99.85-99.95%, bgs., c.l., works..ton.17.00 -21.00

Talc, dom., fibrous, fine, Pennsylvania, bgs., c.l., works..ton.11.00 -13.50
l.c.l., works....ton.12.00 -14.50
Vermont, bgs., c.l., works ton.14.00 - —
l.c.l., works....ton.15.00 - —
imp., Canada, bgs., c.l....ton.24.00 -30.00

Tallow,[1,6] edible, tanks....lb. .09¾- —
inedible, extra, loose....lb. .08¾- —
special, loose....lb. .08½- —
sulphonated, 35% (24% fat), dms., c.l..lb. .05¾- —
50% (43% fat), dms., c.l...lb. .06¾- —
50% (43% fat), dms., c.l...lb. .07¾- —
Tallow, sulphonated, l.c.l., 1c. higher.

Tamarind, bbls....lb. .13 - .14

Tankage,[1] animal, feed, 9-11% ammon., bulk..unit-ton. 5.53 - —
Chicago ....unit-ton. 5.53 - —
fert. grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 4.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 4.00 & .10

Tapioca flour,[1,6] Brazil, bgs..lb. .06½- .07¼
Java, bgs....lb. No stocks

Tar acid oil,[4,6] 15-18%, dms., c.l., works..gal. .26½- .27½
l.c.l., works....gal. .28½- .29¾
25%, dms., c.l., works....gal. .30 - —
l.c.l., works....gal. .32 - —

Tar, pine (see Pinetar).

Tara, powd., dlvd. N. Y.....ton.120.00 - —

Tarragon herb, bgs....lb. 1.40 - 1.50

Tartar emetic, tech., gran. or powd., bbls., kgs..lb. .47¾- .48
dms....lb. .48½- .51
USP, powd., bbls., dms., kgs. lb. .52¾- .56

Terpin hydrate, com'l, bbls., c.l. lb. .75 - .80
l.c.l. ....lb. .25 - .25½
USP, cryst., bbls., dms....lb. .70 - .75
powd., bbls., dms....lb. .75 - .80

Terpineol, alpha (see A).
com'l, dms., c.l., South....lb. .13½- —
l.c.l., South....lb. .14 - —
tanks, South....lb. .13 - —
pure, dms....lb. .35 - .50

Terpinyl acetate, extra, cns., dms..lb. .90 - 1.15
prime, cns., dms....lb. .75 - 1.05

Terpinglycol ether, dms. (extra), c.l., works..lb. .19½- —
l.c.l., works....lb. .20 - —
tanks, works....lb. .19 - —

Terra alba (see Gypsum).

Tetrachloroethane, dms., wks.lb. .08 - .08½

Tetrachloroethylene, NF VI, 55-gal. dms., works..lb. .20 - .21½
smaller dms., works....lb. .23½- .25½
tech. (see Perchloroethylene).

Tetrallin, dms....lb. .19 - —

Tetrasodium pyrophosphate (see Soda pyrophosphate).

Thallium sulphate, 90%, bots., works..lb.12.50 - —

Theobromine,[1,6] makers, primary distrib., dms., 25-lb. lots..lb. 2.80 - —
smaller lots....lb. 2.90 - 3.00

Thiamine hydrochloride, bots., dms., 100 grams..kilo.160.00 - —

Thiocarbanilide, dms....lb. .24 - —

Thiourea, CP, dms....lb. .55 - .56

Thorium nitrate, cs., works....lb. 2.00 - —

Thyme,[1] California, French type, lbs., f.o.b. Pacific Coast..lb. .90 Nom.
Spanish, bls....lb. .17½- .18

Thymol, cns....lb. 2.40 - 2.75
Iodide, dms....lb. 3.40 - 3.80

Timbo root,[2,6] (see Cube root).

Tin chloride,[6] anhydrous....lb. No stocks
Crystals,[6] bbls., bgs....lb. No stocks
Metal,[1,6] Straits....lb. .52 - —
Oxide,[6] bbls....lb. .54 - .56
Tetrachloride,[6] anhyd., dms., works..lb. .31 - .33

Titanium dioxide,[1,6] chalk resistant, bgs., c.l., dlvd..lb. .15 - —
l.c.l., 5 tons one deliv., dlvd..lb. .15½- —
smaller lots, dlvd....lb. .15½- .15¾
nonchalking,[1,6] bgs., c.l., dlvd. E..lb. .16½- —
l.c.l., 5 tons, one deliv., dlvd..lb. .16¾- —
smaller lots, dlvd....lb. .17 - .17½
plain,[6] bgs., c.l., dlvd....lb. .14½- —
l.c.l., 5 tons one delivery, dlvd..lb. .14¾- —
smaller lots, dlvd....lb. .15 - .15¼

Hydride, cns., works....lb. 7.00 - 8.00

Pigment, barium base,[1,6] bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd....lb. .06 - —
calcium base,[1,6] bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd....lb. .05¾- —
calcium-rutile base,[1,6] bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd....lb. .05¾- —
magnesium base,[1,6] bgs., c.l., dlvd..lb. .05¾- —
Titanium pigment, magnesium base, bgs., l.c.l., dlvd....lb. .06 - —
Titanium dioxide and pigment in bbls. ¼c. higher; Pac. cst. ¼c. higher, c.l., dlvd., l.c.l., ex whse.

Tetrachloride, CP, 55-gal. dms., works..lb. .57 - —
smaller pkgs, works....lb. .65 - 1.22
technical, 55-gal. dms., works, lb. .32 - —
smaller pkgs., works....lb. .40 - 1.00

Tolu balsam, cns....lb. .80 - .82

Tolidine base, distilled, kgs...lb. .96 - —

Toluene (see Toluol).

Toluol[6] (toluene), 2° indus., dms., return, works..gal. .33 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .28 - —
West. Minnequa, Colo.gal. .28 - —

Toluol, 1° nitration, dms., return, works..gal. .34½- —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .29½- —
West, Minnequa, Colo.gal. .29½- —

Tonga, 50% bark and vine, bbls.lb. .90 - .91

Tonka beans, Angostura, cks..lb. 2.00 - 2.50
Brazilian, Surinam, cs....lb. .80 - .85

Totaquine,[1,6] USP XII, 100 ozs. oz. .52 - —

Triacetin, dms., works....lb. .27 - .32

Triamyl borate, dms., works...lb. .33 - —

Triamylamine, dms., c.l., works. lb. .96 - —
l.c.l. ....lb. 1.01 - —

Tributyl citrate, 475-lb. dms..lb. .29 - .31
smaller pkgs....lb. .34 - .40
Phosphate, dms., l.c.l., dlvd..lb. .47 - —
cns., works....lb. .51 - —

Tributylamine, dms., c.l., works. lb. .78 - —
l.c.l. ....lb. .81 - —

Trichlorobenzene, dms., c.l., frt. alld..lb. .08 - —
l.c.l., same basis....lb. .08½- —
tanks ....lb. .07½- —

Trichloroethane, dms., c.l....lb. .16 - —
l.c.l. ....lb. .17 - —

Trichloroethylene,[6] dms., c.l., works, Zone 1, frt. alld...lb. .08 - —
Zone 2, same basis....lb. .08½- —
Zone 3, same basis....lb. .09 - —
Zone 4 ex whse....lb. .09 - —

Trichloroethylene, l.c.l. prices, ½c. higher. Zones are—(1) Conn., Del., Ill., Ind., Ia., Ky., Me., Md., Mass., Mich., Minn., Mo., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., W. Va. Wis., Omaha, K. C., Kan.; (2) Ala., Ark., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D.; (3) Col., Mont. (E), N. M., Tex., Wyo.; (4) Ariz., Cal., Idaho, Mont. (W), Nev., Ore., Utah, Wash.

Tricresyl phosphate,[6] CP, cns., works..lb. .43¼- .54½
dms., c.l., dlvd....lb. .37½- —
l.c.l., dlvd....lb. .40½- —
tech., cns., works....lb. .28½- .45½
dms., c.l., dlvd....lb. .25 - .31
l.c.l., dlvd....lb. .28¾- .31½
tanks, dlvd....lb. .24 - .30

Triethanolamine,[6] dms., c.l., frt. alld. in E..lb. .19½- —
l.c.l., same basis....lb. .20½- —
tanks, same basis....lb. .18½- —

Triethyl phosphate, cns....lb. .46 - —

Triethylamine, dms., works....lb. 1.16 - —

Triethyleneglycol,[6] dms., c.l., frt. alld. in E..lb. .18½- —
l.c.l., same basis....lb. .19½- —
tanks, same basis....lb. .17½- —

Trimethylamine, dms., c.l., dlvd., lb. .85 - —
l.c.l., dlvd....lb. .90 - —

Trimethylolpropane, bbls....lb. .65 - —

Tripheny phosphate,[6] bbls....lb. .31 - .32

Tripoli, air-floated, bgs., c.l., works..ton.21.50 - —
double grd., bgs., c.l., works.. ton.17.50 - —
once-grd., bgs., c.l., works..ton.16.00 - —

Trisodium phosphate (see Soda phosphate, tribasic).

Tuba root,[2,6] (see Derris root).

Tungsten metal, powd.,[6] 99-99.7%, dms., works..lb. 2.60 - 5.40
Oxide, kgs....lb. No prices

Turmeric root, Aleppey, bgs...lb. .12 - .13½
Haitian, f.o.b. New Orleans, bls..lb. .09½- .10
Madras, bgs....lb. .12 Nom.

Turpentine, gum, dms....gal. .87 - .87½
sulphate-wood, dms., c.l....gal. .65½- .76
tanks ....gal. .57½- .62½
wood, d.d., dms., East....gal. .65 - .70
tanks ....gal. .60 - —
steam-dist.,[1] ret. dms....gal. .80 - .88
tanks ....gal. .74 - .75

U

Unicorn root, false (see Helonias root).
True (see Aletris root).

Uranium[6] oxide, black bgs....lb. 2.55 - —
yellow, kgs....lb. 1.65 - —

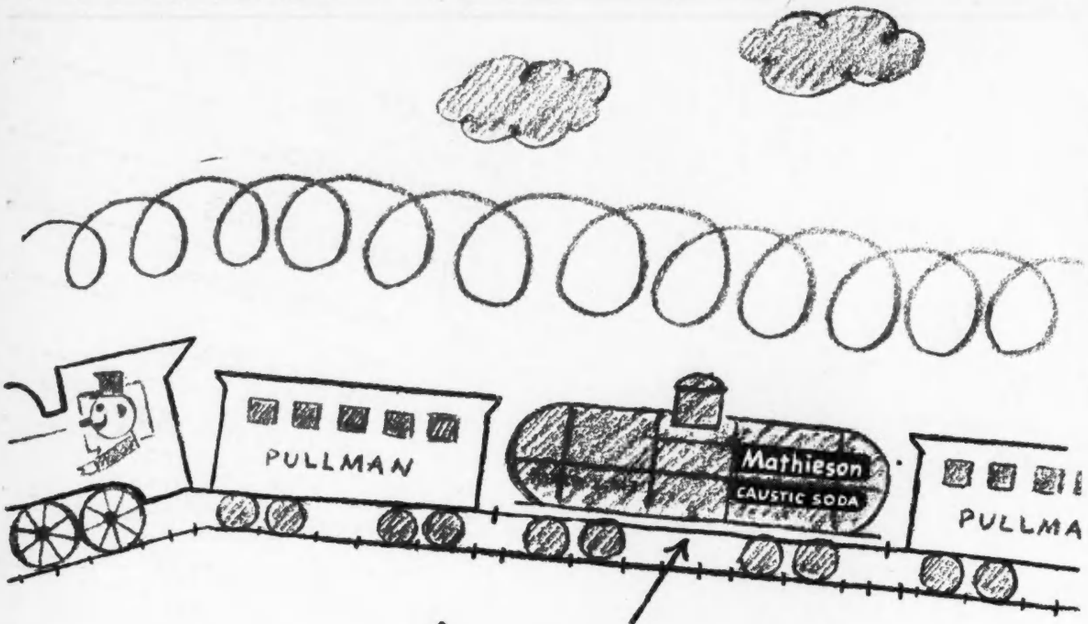
Urea, dom., 46% N., bgs., c.l., works or ship. pts..ton.75.00 - —
l.c.l., ship. pts....ton.77.50 -85.00
import. ours, cs....lb. .12 - —

Fertilizer comp., 42% N., bulk, c.l., works or A. or G. ports, ton.57.40 - —

Urea-ammonia liquor (A and B), free ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va..ton.59.00 - —
fixed ammonia content, f.o.b. Belle, W. Va., freight equalized with Hopewell, Va., NH_3, ton.112.80- —
usual Atla. and Gulf ports, NH_3..ton.116.80 - —

C and D prices are $1.20 per ton of nitrogen higher than the A and B respectively for the same destinations.

Uva ursi leaves, bls....lb. .19 - .20



it hasn't happened yet.

NO, we haven't yet had to attempt passenger train service to meet delivery schedules for war-vital Mathieson Caustic Soda. The great Mathieson fleet of tank cars rides the rails with guns, tanks, airplane parts—definitely travels first-class.

And no Pullman car is more carefully groomed between trips than a Mathieson Liquid Caustic tank car. Each is minutely inspected and cleaned at our own car shops—checked to assure fast delivery of clean, pure caustic for the thousand-fold job it does to speed Victory. Yes—because of the grand job the railroads are doing to move war supplies and Mathieson's attention to important details—it's first-class transportation for a top-class product!

Mathieson
CHEMICALS

THE MATHIESON ALKALI WORKS (INC.) 60 EAST 42nd STREET, NEW YORK 17, N. Y.

CAUSTIC SODA..SODA ASH..BICARBONATE OF SODA..LIQUID CHLORINE..BLEACHING POWDER..H T H PRODUCTS..AMMONIA, ANHYDROUS & AQUA..FUSED ALKALI PRODUCTS..SYNTHETIC SALT CAKE..DRY ICE..CARBONIC GAS..SODIUM CHLORITE PRODUCTS..SODIUM METHYLATE

V

Valerian root, NF, bls.....lb. .55 - .60
Valonia, beards, bgs., f.a.s...ton. No prices
Cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, CP, bgs., cns., works..lb. 1.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans,[1] Bourbon, tins..lb. 7.75 - 8.50
Mexican, cuts, tins.....lb.10.00 - —
whole, tins.....lb.11.00 - —
Tahiti, white label, tins...lb. 3.50 - 3.75
yellow label, tins.....lb. 3.25 - 3.50
West Indian, tins.....lb. No stocks
Vanillin,[1] makers, primary distrib., tins, ex eugenol, 25 lbs. or more..lb. 2.60 - —
smaller lots.....lb. 2.65 - 2.75
ex guaiacol or lignin tins, 25 lbs. or more..lb. 2.35 - —
lignin tins, 25 lbs. or more, lb. 2.35 - —
Venice turpentine, artif., cns..lb. .24 - .26
Verdigris, bbls., bgs.....lb. .22 - .38
Vinyl acetate,[9] cbys., works...lb. .25 - —
dms., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
smaller pkgs., works....lb. .26 - —
Ether, 75 c.c., less 20% and 20%..bot. 1.50 - —
50 c.c., same basis....bot. 1.05 - —
25 c.c., same basis....bot. .65 - —
Trichloride (See Trichloroethane).
Vinylpyridin, ret. dms., works.lb. 1.50 - —
Viosterol (irradiated ergosterol), mil. units. .10 - .14
Vitamin A (see Oils, codliver, halibut-liver).
B_1 (see Thiamine hydrochloride).
Vitamin B_2 (see Riboflavin).
B complex, natural (see Rice bran and Yeast).
C (see Acid, ascorbic).
D (see Oils, codliver, halibut-liver, viosterol)
E (see Alpha tocopherol).
G (see Riboflavin).
P-P (see Acid, nicotinic, and Nicotinamide)
Violet, methyl, toner (see M).
V.M.P. naphtha (see Petroleum, naphtha, v.m.p.).

W

Wahoo, root bark, bls.....lb. .55 - .60
Wattlebark,[1] E. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers' account...ton.53.00 - —
So. Afr., bgs., f.a.s., based on freight $11.70, insurance $1 per ton. Difference for buyers' account..ton.53.00 - —
extract[1] liquid, 35% tannin, bbls., works..lb. .05½- .06¼
tanks.....lb. .04¾- .05½
solid, So. Afr., 62% tannin, ex dock..lb. .0572- .0597
E. Afr., 61% tannin, ex dock, lb. .05695- .05845
Wax, Bayberry, bgs.....lb. No stocks
Bees,[1] bleached, USP, white, bricks, bgs., ton..lb. .58 - —
discs or cakes, bgs., ton, lb. .60 - —
ctns., ton.....lb. .61 - .63
slabs, bgs., ton.....lb. .57 - —
yellow, crude, African, bgs., ton..lb. .40 - —
up to 1 ton.....lb. .41 - —
100-200 lbs.....lb. .43 - —
Cent. or So. Amer., sun-bleachable, bgs., ton..lb. .43¾ Nom.
unbleachable, bgs., ton, lb. .41½ Nom.
ref'd, USP, bricks, bgs., ton, lb. .53½- —
disc., bgs., tons.....lb. .55½- —
ctns., ton.....lb. .56½- .58½
rounds or squares, bgs., ton..lb. .57½- —
ctns., ton.....lb. .58½- .60½
slabs, bgs., ton.....lb. .52½- —
Candelilla,[1] crude, bgs., ton..lb. .34½- .35
smaller lots.....lb. .35½- .44½
Candelilla, powdered, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.
refined, bgs., ton.....lb. .44 - —
smaller lots.....lb. .45 - .54
Carnauba,[1] chalky, No. 3, bgs., ton lots..lb. .71½- —
smaller lots.....lb. .72½- .81½
North Country No. 2, bgs., ton lots..lb. .75¾- —
smaller lots.....lb. .76¾- .85¾
No. 3, bgs., ton.....lb. .73½- —
smaller lots.....lb. .74½- .83½
refined, bgs., ton.....lb. .76¾- .80
smaller lots.....lb. .77¾- .90
yellow, No. 1, bgs., ton....lb. .83¼- —
smaller lots.....lb. .84¼- .93¾
No. 2, bgs., ton.....lb. .81¼- —
smaller lots.....lb. .82¼- .91¾
No. 3, bgs., ton.....lb. .79 - —
smaller lots.....lb. .80 - .89
carnauba wax, powdered (same differentials as candelilla).
Ceresin, dom., 138°-140° m.p., bgs., ton..lb. .13½- .14
jobbing lots.....lb. .14½- .15
150°-160° m.p., bgs., 1 ton, lb. .15½- .16
jobbing lots.....lb. .16½- .17
160°-170° m.p., bgs., 1 ton, lb. .16½- .17
jobbing lots.....lb. .17½- .18
Japan, cs.....lb. No stocks
Micro-crystalline, 170°-175° m.p., A.S.T.M., amber, ctns., 30 tons yearly, contract, group 3, works..lb. .14¼- —
smaller lots.....lb. .14½- .15¼
black, ctns., 30 tons, same basis..lb. .12¾- —
smaller lots.....lb. .13 - .13¾
190°-195° m.p., A.S.T.M., amber, ctns., 30 tons, same
smaller lots.....lb. .16½- .17¼
black, ctns., 30 tons, same basis..lb. .14¾- —
smaller lots.....lb. .15 - .15¾
white, ctns., 30 tons, same basis..lb. .28¾- —
Montan, bgs.....lb. No stocks
Ouricury,[1] bgs., ton.....lb. .49½- .51¾
smaller lots.....lb. .50½- .51¾
refined, bgs., ton.....lb. .62 - —
smaller lots.....lb. .63 - .73
powdered ouricury prices same as candelilla.
Paraffin (see under P).
Spermaceti, blocks, cs.....lb. .36 - .37
cakes, cs.....lb. .37 - .38
White lead (see Lead, white).
White pine bark, rossed, bls..lb. .15 - .16
White precipitate,[2] powd., dms., 50 lbs. or more..lb. 1.98 - —
Whiting, chalk, dry-grd., bgs., c.l.ton.18.00 -22.00
l.c.l.....ton.20.00 -24.00
wet-ground, bgs., c.l.....ton.21.00 -25.00
l.c.l.....ton.25.00 -29.00
gilders, bolted, bgs., c.l.ton.20.00 -24.00
l.c.l.....ton.21.00 -25.00
extra-bolted, bgs., c.l..ton.22.00 -26.00
l.c.l.....ton.23.00 -27.00
Paris white, bgs., c.l.....ton.24.00 -28.00
l.c.l.....ton.25.00 -29.00
Whiting, limestone, dry-grd., 325 mesh, bgs., 40 tons, N. E. works..ton. 5.00 - —
smaller lots, N.E., wks. ton. 7.00 - 9.00
wet-grd., air-floated, 300 mesh, 99¾%, bgs., c.l..ton. 9.35 -10.10
200 mesh, bgs., c.l.....ton. 8.50 - 9.50
90%, bgs., c.l.....ton. 6.25 - 7.00
water-floated, extra gilders, bgs., c.l..ton.13.00 - —
gilders, bgs., c.l.....ton.12.45 - —
putty grade, bgs., c.l..ton.12.00 - —
Precipitated, bgs., c.l.....ton.14.00 -15.00
l.c.l.....ton.18.00 -20.00
Wild cherry bark, thick, bls..lb. .06 - .07
thin, natural, bgs.....lb. .17 - .18
rossed, green, bls.....lb. .26 - .28
Wild indigo root, bls.....lb. .17 - .18
Witch-hazel extract, dist., NF, bbls..gal. .70 - .75
Leaves, bls.....lb. .14 - .15
Witherite (see Barium carbonate, natural).
Woodflour, 40 mesh, bulk, c.l., N. Tonawanda, N.Y..ton.20.00 - —
60 mesh, same basis.....ton.24.00 - —
80 mesh, same basis.....ton.27.00 - —
100 mesh, same basis.....ton.30.00 -32.00
Woodflour, in bags, 25c. each extra, returnable.
Wormseed, American, bgs.....lb. .20 - .28
Levant.....lb. 4.50 - 4.75
Wormwood, bls.....lb. .30 - .50

X

Xanthorrhiza, bls.....lb. .24 - .25
Xylol[4] (xylene), indus., dms. return., works..gal. .32 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .27 - —
West, Minnequa, Col....gal. .27 - —
Xylol, 10°, dms., return, works, gal. .35 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .30 - —
5°, dms., return, works....gal. .42 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .37 - —
8°, dms, return, works....gal. .47 - —
tanks, E. of Omaha, frt. alld. to 2c. per gal..gal. .42 - —
Xylol petroleum solvent, ret. dms., Nc. N. J.....gal. .26 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., bots., cns...lb. 1.75 - 2.25
Yeast, brewer's, dry, 50 B units, dms...lb. .35 - —
90 B units, dms.....lb. .45 - —
200 B units, dms.....lb. .50 - —
500 B units, dms.....lb. .60 - —
Yellow, barium chromate, C.P., bgs., l.c.l., divd. N. of Tenn. and N. C. E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul..lb. .22 - —
Barium chromate price differentials on deliveries in the various other State and city zones are the same as those for chrome yellow, which are set forth below.
Benzidin, bbls., divd.....lb. 1.35 - 2.25
Cadmium, CP, import, bxs...lb. 1.35 - 1.40
Chrome CP, bbls., divd. N. of Tenn. and N. C., E. of Miss. R., includ. Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .16 - —
Chrome yellow prices are ¼c. higher, divd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, 1¼c.; Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher divd. Pac Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago
Yellow, Dutch, pink, bbls.....lb. .08 - .11
Hansa, bbls., same basis as chrome..lb. 1.37 - —
primrose, bbls., same basis..lb. 1.75 - —
Lithopone, bbls., ton lots, E. of Rockies..lb. .05 - —
smaller lots, same basis..lb. .05 - —
sulphide, orange, cs., kgs., works..lb. 1.10 Nom.
Mercury oxide, bbls., 1,000 lbs. lb. 1.32 - —
smaller lots.....lb. 1.35 - —
Ocher, American, golden, bbls., works..lb. .04½- .05
yellow, bbls., works.....lb. .02 - .02½
French type, bbls., c.l....lb. .0245- —
l.c.l.....lb. .0365- —
Oxide, iron, nat., bbls., c.l., f.o.b. Bethlehem, Easton, Pa..lb. .04½- —
l.c.l., same basis.....lb. .05 - —
synth, bbls., c.l., works...lb. .0685- —
l.c.l., works.....lb. .071 - —
Persian orange (see O).
Zinc,[9] bbls., same basis as chrome..lb. .15 - —
Navy spec. type, bbls., contracts..lb. .15 - —
Yellow dock root, bls.....lb. .35 - .36
Yellow xanthorrhiza (see Xanthorrhiza).
Yerba santa leaves, bls.....lb. .21 - .25
Yohimbine hydrochloride, vis..oz. 3.00 - 5.75

Z

Zein, bgs., 1,000 lbs., works..lb. .25 - —
smaller lots, works.....lb. .30 - —
Zinc acetate, tech., bbls., divd..lb. .16 - .17
USP, bbls., 250 lbs.....lb. .26 - .27
kgs., 100 lbs.....lb. .29 - —

—Continued on page 40

FOR *Certified* QUALITY AND ECONOMY

Specify WITCO'S STEARATES

Known for their exceptional purity... even, fluffy texture and freedom from all traces of "greasy" lumps, Witco's Calcium, Aluminum and Zinc Stearates are composed of finely graded metallic oxides processed with high-test stearic acids. Highly uniform in quality, they are unexcelled for their various uses...

WITCO CALCIUM STEARATE helps to bring waterproof and water-repellent qualities to textiles, plastics, crayons, etc.

WITCO ALUMINUM STEARATE, because of its high degree of transparency, is widely used by the paint, printing ink and petroleum industries.

WITCO ZINC STEARATE, because of its exceptionally fine and even texture, is particularly adaptable as a mold lubricant in the rubber and plastic industries.

Send for samples and further details.

WITCO CHEMICAL COMPANY

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"And Freedom's banner streaming o'er us"

Oil, Paint & Drug Reporter

Founded October 18, 1871, by
William O. Allison
Directed, 1900-1942, by Harry J. Schnell

Published every Monday in New York by

SCHNELL PUBLISHING COMPANY, INC.,

59 John Street, New York 7, N. Y., U. S. A.
Telephone REctor 2-9820. Cable Address Reporter New York

William S. Auchincloss, President and Treasurer; Jean Schnell Auchincloss, Vice-President; Hugh Craig, Vice-President; Burr Price, Vice-President; M. B. Powers, Assistant Treasurer; A. L. Koch, Secretary.

Incorporating the Drug, Paint and Oil Trade, The New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers Journal, the Oil and Paint Review, and International Petroleum Reporter.

Annual subscription rates, including postage, in the United States and possessions, Cuba, Mexico, Central America and South America, $5.00; Canada and Newfoundland, $7; other countries, $10.00; single copies, 25 cents each.

Members of Audit Bureau of Circulations.

Entered at the Post Office at New York as second-class matter January 15, 1884, under the act of March 3, 1879.

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Vol. 146 December 18, 1944 Number 25

Medical Research Serves Well

An unprecedented wealth of talent and data in medical research was presented at the scientific session of the American Pharmaceutical Manufacturers Association on the occasion of its honoring of the National Research Council last week. Progress in medical research, and in the concomitant, complementary study of nutrition, has been, literally, astounding. Its reviewing at the A.P.M.A. session was a, concise, comprehensive lesson in today's trends and tomorrow's practices in medicine. There was also to be sensed therein the increasing importance of nutritional knowledge with relation to health. Therapy may easily be relegated to a secondary and largely emergency role.

The contributions of the pharmacal profession and the drug industry to the new and valuable developments of remedial agents have been outstanding. Therapeutic and pharmacologic research have become commonplace in the pharmacal calling. Medicine has been benefited at a time when the exigencies of global warfare have laid upon it a tremendous burden. Military experience also has contributed wonderfully to medical knowledge, and affords leads and bases for more and more research in therapy, sanitation, anesthesiology, and all the many divisions of medical service.

Medical research is given preference over established products in every productive branch of the drug industry. Even in the fields of popular medication, research has come to mean something far different from its onetime reference to hunting for a package with a greater sales appeal or a more efficient "hook" for advertising. The health records of the nation tell the results.

Medical research is interesting other business groups as the recognition of the economic value of better health spreads. Life insurance is one of these: quite logically, because the curves of health and mortality are the reverse of the records of its welfare. The Association of Life Insurance Presidents is conducting a committee study of participation in medical research programs. In their trusteeship of policyholders' fees they could make worse investments. The drug and insurance businesses really have much in common. Their collaboration in medical research and other branches of medical service could do much for their mutual and several wellbeings.

—O-P-D—

War's Lags and Drags

It is discomforting and discouraging to learn that the armed forces of the United States are not adequately supplied with munitions. The deplorable condition is but another testifying to the fallibility of men. And as long as hope persists in springing eternal—and infernal—in human breasts, that long will man's only possible system—that of trial and error—fall short of its potential service.

We wish You
a
Merry Christmas
and a
Happy New Year

We employ this "mass distribution" method of conveying our personal greetings in a purpose of easing the mailman's burden.

Bill Auchincloss
Hugh Craig
Tom McCarthy
Burr Price

We of the United States are a sheltered people. We do not relish adverse, discouraging realities. The crepe-hanger is an ostracized creature of unbearable gloom; Polyanna is our patron saint. The newspapers cater to this national characteristic—they have to! The habit is so universally ingrained that even the fighting chiefs of our armed forces put more rose than blue in their communiques. Doubtless, too, they have in mind the fate of the baseball pitcher who has a bad inning.

And so it is that we kid ourselves out of the real job of making war. We don't like the job, of course, and we who are in the service of supply do not have the urge of self-preservation which motivates the fighting troops in a purpose of mopping up. And recurrently we must be rudely pushed into the hot going again, until somebody who doesn't know what a mortar roars like rises publicly to remark that good automobile steel is being misused to pile up needless surpluses of shells and bombs.

And then the men working at making shells begin looking for jobs making something for tomorrow's selling. The rub of it is that they always find somebody of expectedly higher reasoning ability ready to hire them. It is not only those who take nonessential jobs that should be forced into warwork. And the term of military supplies contracts should be for the duration, not only until the last of next March.

—O-P-D—

Credo for Business

The six freedoms comprised by the economic credo adopted by the National Association of Manufacturers at its recent meeting are, basically, unquestionable and uncontradictable. With the exception of the fourth (freedom from governmental dictation in foreign trade), belief in none of these freedoms will be denied by any but those bent implacably upon the destruction of private enterprise. These are still far, far in the minority in the United States.

The six freedoms of the N.A.M. 1944 credo require much defining in detail before that will be subscribed to by those who know that, in a practical sense, "freedom" is a relative term, best when kept short of the absolute. Mankind must be regulated; must be restrained. The manner of this supervision and the identity and capability of the applying agency are the real problems.

It is not good for private enterprise to have absolute freedom. This is recognized in the legalized sanctity of contracts, in one direction, and in the statutory protection of patents and trademarks, at another angle. "Blue-sky" laws and "truth-in-representation" laws have helped business as a whole. Everybody knows that; knows, too, that business lost something in public favor because it left the inauguration of such "reforms" largely to outsiders.

Freedom is good for business along the lines basically defined in the N.A.M. credo. It is good when the terms in which that credo is stated have the same meaning to all who must be concerned with their interpretation. It is difficult to understand just why, for example, taxation for social reform should be assailed after centuries of complacent acceptance of this principle in the taxation of tobacco, alcoholic beverages, and so-called "luxury" items. If this latest antagonistic declaration is directed against the tax aspects of social security programs, that fact should be plainly stated in order that the matter may be determined on its practical merits. The war should by now have taught those who would lead men that talking in theories doesn't get very far when stern realities are to be faced. The reluctance to face realities—or the refusal, or inability, or whatever it is—on the part of so many who would lead the people through the war and through the equally disturbing period to follow, speaks not well for human intelligence.

It is a beautiful thing to express the belief that free enterprise—as commonly understood—will "provide the highest possible standard of living for all people." The ends of free (private) enterprise and of all the people will be far better served by the implementation and the operation of business so that it really does a full measure of such providing. In the realms of business especially is it still true today that faith without works is dead.

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Heavy Chemicals

Some slackening from the urgent demand for light soda ash was reported and shipments have gone forward more promptly. In contrast, the call for dense ash was unusually heavy to the glass furnaces, and bulk deliveries were slightly behind schedule. Increased ordnance buying featured soda caustic and the market was reported to have assumed a tighter position than at any time this year, with short shipments general. A bit of color was given to the export situation in both ash and soda caustic through the receipt of inquiries from Sweden.

Hydrofluoric, naphthenic and sulphonic acids were reported in heavy demand for military use. Recent allocation of the latter is not working so smoothly, judging from trade expressions. Oxalic acid continued short for anything like nearby shipment. Expansion was noted in the inquiry for copper oxide and nickel sulphate with very little material around for civilian use. WPB reported possibilities of a tighter aluminum situation. Chlorine remained short and there was scarcely a war chemical that did not feel the influence of increased buying.

Paper production as a percentage of six-day capacity was 93.6 in the week ended Dec. 9, according to the American Paper & Pulp Association. This compares with 92.2 in the previous week and 88.9 percent a year ago.

Production and supply figures appearing in some of the following market reports were released by the Chemicals Bureau of WPB, unless otherwise specified.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

General Chemicals

Last week.	Prev. week.	Last month.	Last year.
169.0	169.0	169.0	170.6

Acids

Last week.	Prev. week.	Last month.	Last year.
116.0	116.0	116.0	116.0

Aluminum—WPB has informed the aluminum advisory committee that resurgent war demands in the first six months of 1945 might cause a tightening in what was thought to be an easy situation in regard to aluminum. The chief difficulty, it was indicated, was a shortage of manpower in the fabricating plants, rather than in the supply of the basic metal itself.

Ammonia, Anhydrous — September production was placed at 45,292 tons, compared with 44,931 tons in August. Stocks at the end of September were 2,764 tons against 3,579 tons at the close of August.

Bleaching Powder — Production for the month of September was 2,528,000 pounds, compared with 2,375,000 pounds in August. Stocks at the end of September were 1,038,000 pounds, against 1,065,000 pounds at the end of August.

Calcium Acetate—Output for September was 966,000 pounds, compared with 856,000 pounds in August. Stocks at the close of September were 233,000 pounds, compared with 239,000 pounds at the end of August.

Calcium Carbide — September production amounted to 62,591 short tons, compared with 65,685 tons in August. Stocks at the close of the month amounted to 31,078 tons against 30,043 tons at the end of August.

Calcium Hypochlorite — Production of true 70 percent available Cl_2 was 1,173,000 pounds compared with 1,180,000 pounds in August. Stocks at the end of September were 766,000 pounds against 583,000 pounds at the end of August.

Carbon Dioxide — Liquid and gas output in September was given at 31,822,000 pounds against 34,400,000 pounds in August. Stocks at the close of September were 2,168,000 pounds compared with 1,450,000 pounds at the end of August. Production of solid (dry ice) for September was 64,129,000 pounds, compared with 67,630,000 pounds in August. Stocks at the end of September were 7,179,000 pounds against 7,545,000 pounds at the end of August.

Copper—Production of crude copper for the month of November was placed at 76,079 tons by the Copper Institute. The production of refined was 87,145 tons. In October, the production of crude was 82,653 tons and refined 89,068 tons. Stocks of refined at the end of November amounted to 58,051 tons against 49,358 tons at the end of October.

Copper Sulphate—In reference to monohydrated copper sulphate, MPR-354 has been amended in the following respect:—to change the price $9.95 in the table therein for 12½-pound bags in 200-pound drums in quantities of 36,000 pounds or more to $10.20. The amendment became effective December 16.

Magnesium—WPB reported production of primary magnesium declined to 18,463,000 pounds in September, about 26 percent below August and close to the low level of December, 1942. Secondary recovery of 2,689,000 pounds was 5 percent below the August figure.

Salt—War Food Administration reported sales of 17,725 tons of rock salt at $5.00 per short ton in bags, 3.8 tons at $5.00 per ton in bags and 24 tons of table salt in packages at $1.00 per ton f.o.b. New Orleans, La., November 25. On the same day WFA purchased 40 tons of kiln dried stock salt in bags at $15.63 per ton, Newark, California.

Soda Ash—Consuming demand for light ash has shown signs of easement and the supply position has permitted fairly prompt shipments. There was no let down in the call for dense ash and while most of the movement to the glass factories has been in bulk, producers have not been able to cover requirements without some delay.

Soda Bicarbonate—September production amounted to 12,383 tons compared with 12,112 tons in August. Stocks at the close of the month were 5,436 tons against 4,744 tons at the end of August.

Soda, Caustic—Strings have been pulled tighter around the buying position and the supply situation was reported to be at the lowest point recorded for any time during the current year. It was reported that short shipments were general. Influences contributing to the present shortage, which included all grades, were said to be due primarily to unusually heavy withdrawals for ordnance requirements.

Sulphur Dioxide—September production amounted to 6,900,000 pounds, compared with 6,522,000 pounds in August. Stocks at the end of September were 2,419,000 pounds against 1,952,000 pounds at the end of August.

Acids

Hydrofluoric — Withdrawals of the anhydrous grade for use in the manufacture of aviation gasoline have mounted and the supply position was reported tighter. This influence was reflected in all the other grades. Some relief was expected, although not in the immediate future. It was reported that additional production will be accorded through two new plants now under construction in the South. One is expected to operate early next year and the other about the middle of the year.

Hydrofluosilicic—This acid has not gained much prominence as a war chemical. The current supply was described as comfortable with demand being satisfied promptly. Breweries have shown some interest but no unusual activity could be noted.

Naphthenic — Demand for military use was reported heavy thereby preventing any easement in the supply situation. Civilian demand remained active and beyond the present supply limit. Attempts have been made to interest certain naphthenate producers in the use of lower acid material for making 6 percent copper naphthenate which it is claimed would satisfy certain branches of the consuming trade.

Sulphuric—Buying interest continued unusually heavy with demand

For Current prices see alphabetical listing beginning on page 9.

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well distributed. Placing the acid under WPB regulation is said to have caused some confusion in the execution of orders and it may take a little time to get accustomed to the new order. Judging from reports, there has not been much improvement in the supply of tankcars, although it is understood that efforts are being made to relieve the situation. Meanwhile pressure for shipments for use in the manufacture of high octane gasoline has remained undiminished.

Insecticides

Supply outlook for agricultural insecticides was described as mostly favorable. War progress has not materially altered the situation, although domestic supplies are subject to export requirements. Trade opinions emphasize the importance of covering requirements as early as possible in order to avoid possible bottlenecks resulting from manpower shortage, storage facilities and transportation difficulties.

To provide for more efficient utilization of available supplies of rotenone, WPB reported on Dec. 12 that restrictions would not be placed on the permissible rotenone content of insecticides for the coming agricultural season. This policy adopted jointly with WFA is intended to enable manufacturers to offer finished insecticides having a rotenone content that they find necessary to obtain adequate crop protection, the Chemicals Bureau explained. WPB emphasized that this in no way implies that greater quantities of rotenone-containing materials will be available for agricultural use next year. Rotenone receipts in 1945 will be approximately the same as those in 1944, and no liberation of controls is expected until sources located in the Pacific areas are once more made available for domestic use.

WFA purchased 63,100 pounds of nicotine sulphate in tins on November 25, Richmond, Virginia.

Canada Relaxes Export Controls

A number of chemicals and related articles have been removed wholly or in part from control by Canada of exports to British Empire countries and the United States. Relaxation of the control regulation, affecting the seventh revision, is effected by Export Permit Branch order No. 103, effective December 11.

The following are among the articles which, under the new order, may be exported without permit to empire countries and the United States in any quantities:—

Burgundy pitch, calcium chloride, coal-tar, coaltar pitch, cosmetics, glycerin, nitric acid, perfumery, pinetar, pinetar pitch, proprietary medicinal preparations in bulk or packaged for retail sale, soda ash, toilet preparations.

The new order also frees from export control shipments to empire countries and the United States of the following articles in lots up to $25 in value:—

Automobile polishes, calcimines, casein glue, driers, fatty acids from vegetable oils under export control, fillers for paints and the like, lacquers, lacquer thinners, metal polishes, paints, printing and lithographic inks, putty, shoe polishes, soaps of all kinds, sulphonated fatty acids, sulphonated oils, synthetic resins, turpentine, varnishes, varnish gums, wax polishes for floors, furniture, and the like, writing inks.

Rheem to Operate Plant In Las Vegas for U.S.

To fill rush orders for the ordnance departments of both the Army and the Navy, Rheem Manufacturing Company has taken over a substantial section of the Basic Magnesium plant in Las Vegas, Nev., to manufacture rocket projectiles and 81-mm. mortar shells. The rocket projectiles will be produced for the Navy and are a part of its recently announced program for spending $100,000,000 monthly for rocket ammunition. The mortar shells will be made for the Army.

Licco Packing Company has been formed with a capital of $20,000 in $100 shares. Subscribers are David Muhlstock, Matthew Beli and Sarah F. Rodman, 21 E. 40th street, New York.

Chemical Workers Earnings Show Gain

Weekly earnings of factory workers in chemical and related fields showed an increase of 5 percent with an average of 44.08. This compared with an average of $47.67 for all nondurable goods manufacturing.

September-August comparisons in chemicals and related lines were reported as follows:—

Average Earnings

	Weekly		
	Sept.	Aug.	July
Chemical and allied products	$44.03	$43.82	$44.00
Ammunition	45.08	45.31	45.55
Chemicals	52.31	51.88	52.15
Cottonseed Oil	27.80	25.88	26.18
Crude petroleum production	55.42	53.24	54.85
Drugs, medicines, insecticides	35.21	34.37	34.42
Explosives, safety fuses	47.27	47.25	48.13
Fertilizers	32.52	31.65	32.05
Paints and varnishes	46.15	46.44	45.66
Petroleum refining	58.24	58.06	59.08
Rayon, allied products	39.22	38.85	38.78
Soaps	49.26	47.47	46.65

Textile Color Card Ass'n Re-Elects Officers

Charles Pinnell, of the Merrimack Manufacturing Company, has been re-elected president of the Textile Color Card Association of the United States. Other officers re-elected were:—

First vice-president, Roy E. Tilles, of the Gotham Hosiery Company; second vice-president, Armand Schwab, of Armand Schwab & Co.; treasurer, Carl E. Kempf, of the Brewster Hat Company; secretary and managing director, Margaret Hayden Rorke.

Harmon Color Works, Paterson, N. J., has received the Army-Navy "E" Production Award.

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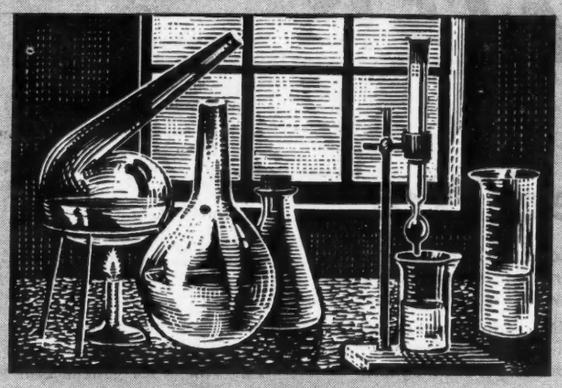

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Surplus Chemicals

—Continued from page 5

Lethane, 1,600 gallons, Mare Island, Calif.

Lime, Chlorinated, 12 cans, Savannah, Ga.

Liquid Heat, ND, 2 drums (a chloride compound), 2 barrels (a chloride product), Detroit, Mich.

Lithium Carbonate, 125 pounds, Schenectady, N. Y.; 125 pounds, Los Angeles, Calif.

Magnesium Oxide, 229 pounds, Edgewood Arsenal, Md.

Magnesium Sulphate, 400 ounces, Los Angeles, Calif.; 1,000 ounces, Louisville, Ky.

Magnesium and Zinc Silicofluoride Mixture, 2,000 pounds, Orchard Grove, Illinois.

Malachite Green, 2,500 10-gram vials, Louisville, Ky.

Manganese Dioxide, 2,200 pounds, Lawrence, Mass.

Marine Glue, 240 gallons, Clarksville, Tenn.; 2,950 pounds, Huntsville, Ala.; 10,471 pounds, Akron, Ohio.

Metal Polishing Compound, 1,134 pounds, Memphis, Tenn.

Methyl Orange, 5,349 10-gram vials, Louisville, Ky.

Methyl Violate, 36,000 10-gram vials, Louisville, Ky.

Molybdic, Anhydride, 253 pounds, Binghamton, N. Y.; 250 pounds, Savannah, Ga.; 1,000 pounds, San Francisco, Calif.

Monochloracetic Acid, 10,000 pounds, Edgewood Arsenal, Md.

Naphtha, Aromatic, Type 3, 28,000 gallons, Topeka, Kans.; 6,565 gallons, Syracuse, N. Y.; 68,615 gallons, South Bend, Ind.; 17,172 gallons, Columbus, Ohio; 5,227 gallons, Memphis, Tenn.

Nitrocellulose, 359 pounds and 529 pounds, Dallas, Tex.; 36,316 pounds, Ravenna Ord. Center, Apco, Ohio; 686 drums, Romulus, N. Y.

Nitronaphthalene, 192 pounds, technical, 2 wooden kegs, Edgewood Arsenal, Md.

Oil Tar, Rectified USP, 3,000 pounds, San Francisco, Calif.

Oil, Thinner for Marine Glue (Bridge Cement), 1,334 pounds, 889 gallons, 55-gallon drums, Huntsville Arsenal, Ala.

Oil, Thinner, V.P.K., 500 gallons, Clarksville, Tenn.; 730 gallons, Pine Bluff, Ark.

Paint, Netting Base Dye, 8,300 pounds, Newton Upper Falls, Mass.

Paint, Antifouling Cold Plastic, 2,865 gallons, Philadelphia, Pa.

Paranitrophenol, 53 pounds, Edgewood Arsenal, Md.

Parazole, 215 pounds, Edgewood Arsenal, Md.

Paste Abrasive, 59,000 Louisville, Ky.

Phenol, 10 pounds, Schenectady, N. Y.

Phenylamine, Tertiary, 6,053 gallons, Alameda, Calif.; 551 gallons, Corpus Christi, Texas; 4,200 gallons, Clearfield, Utah.

Phosphoric Acid, Tech., 249 gallons, Atlanta, Ga.

Phosphotungstic Acid, 750 ounces, Denver, Colo.; 150 ounces, Atlanta, Ga.; 1,314 ounces, Binghamton, N. Y.; 1,200 ounces, San Francisco, Calif.

Plasticizer, 1,100 gallons, San Diego, Calif.

Potassium Bromide, 248 bottles, Schenectady, N. Y.

Potassium Carbonate, 300 pounds, St. Louis, Mo.

Potassium Chloride, 10,000 ounces, Louisville, Ky.

Potassium Chromate, 48 pounds, Los Angeles, Calif.; 105 pounds, Binghamton, N. Y.

Potassium Dichromate, 23,307 pounds, South Bend, Ind.; 200 pounds, Los Angeles, Calif.

Potassium Phthalate, 1,488 bottles, Savannah, Ga.; 1,536 60-gram bottles, Binghamton, N. Y.

Potassium Prussiate, 97,600 ounces, Louisville, Ky.; 250 ounces, Binghamton, N. Y.

Potassium, 1,100 pounds, Tech., in sticks — 100-pound drums, Denver, Colo.

Potassium Iodate, 88 pounds, Lot No. C-1-46, powder form, ¼-lb. bottles, Binghamton, N. Y.

Potassium Metabisulphite Anhydrous, Powdered, 6,000 pounds, Topeka, Kans., and 17,800 pounds, South Bend, Ind.

Potassium Nitrate, 1,000 pounds, Edgewood Arsenal, Md.

Potassium Sulphate, 125 pounds, San Francisco, Calif.

Quebracho, 55 barrels, San Bernardino, Calif.

Rosin, 54,790 packages, Louisville, Ky.

Rust Preventive, 800 pounds, Dixon, Ill.

Sal-Soda, 575 pounds, Camp Kohler, Calif.

Sal Sol, 5,000 pounds, Edgewood Arsenal, Md.

Saltpeter, 75 pounds, St. Louis, Mo.

Silver Sulphate, 100 ounces, Louisville, Ky., and 50 ounces, Binghamton, N. Y.

Slushing Compound, 5,000 gallons, San Diego, Calif.; 2,312 gallons, Dallas, Tex.

Soda, Caustic, 600 pounds, Metuchen, N. J.; 2,256,900 pounds and 436,800 pounds, Sharonville, Ohio.

Soda Lime, White, 2,000 pounds, Edgewood Arsenal, Md.

Sodium Acetate, 1,500 pounds, Louisville, Ky.

Sodium Bicarbonate, 2,000 pounds, San Bernardino, Calif.; 1,000 pounds, Edgewood Arsenal, Md.

Sodium Bisulfite, 200 pounds, Savannah, Ga.

Sodium Bromide, 100 pounds, Edgewood Arsenal, Md.; 1,100 pounds, Denver, Colo.

Sodium Dichromate, 990 pounds, San Diego, Calif.

Sodium Fluoride, 3,000 pounds, San Francisco, Calif; 3,499 pounds, Binghamton, N. Y.

Sodium Hyposulphite, 11,550 pounds, Springfield, Ill.

Sodium Iodide, 90 pounds, Pine Bluff, Ark; 88 drums, Denver, Colo.

Sodium Oxalate, 89,800 pounds. Jacksonville, Ill.

Sodium Oxalate Powder, 175,792 pounds, Detroit, Mich.

Sodium Oxalate, 96,000 pounds, Akron, Ohio.

Sodium Phosphate, Monobasic, 223 pounds, Binghamton, N. Y.

Sodium Phosphate, 175 pounds, Schenectady, N. Y.

Sodium Pyrophosphate, 90 barrels; 149 barrels; 32 barrels, San Bernardino, Calif.

Sodium Silicate, 12,000 pounds, San Francisco, Calif.

Sodium Silicate, 28 drums, San Bernardino, Calif.

Sodium Sulphate, 7,000 pounds, San Francisco, Calif.; 25,000 pounds, Louisville, Ky.

Sodium Sulphide, 383 ounces, 1,335 pounds, Los Angeles, Calif.; 510 ounces, Binghamton, N. Y.

Sodium Sulphite, 3,750 pounds, Binghamton, N. Y.

Sodium Thiosulphate, 2,200 pounds, Denver, Colo.; 183,900 tubes, Memphis, Tenn.

Starch, Soluble, 500 ounces, Schenectady, N. Y.; 300 ounces, Binghamton, N. Y.

Sulphosalicylic Acid, 375 pounds, Denver, Colo.; 2,000 ounces, San Francisco, Calif.

Sulphur, 50,000 pounds, Salt Lake Army Air Base, Utah.

Sulphur Monochloride, 1,670,000 pounds, Rocky Mt. Arsenal, Denver, Colo.

Sulphuric Acid, 300 pounds, San Francisco, Calif.; 2,500 pounds, Denver, Colo.; 250 pounds, Louisville, Ky.

Sulphurous Acid, 1,265 pounds, Denver, Colorado; 1,835 pounds, Ogden, Utah; 325 pounds, San Francisco, Calif.; 175 pounds, Savannah, Ga.

Tar, 1000 pounds, Camp Crowder, Mo.

Tar, Liquid, 165 gallons, Orchard Grove, Ill.

Tar, Pine, 1,100 gallons, San Francisco, Calif.

Tartaric Acid, 2,498 pounds, Binghamton, N. Y.; 1,500 pounds, Savannah, Ga.

Toner, Methyl Violet, 800 pounds, Portsmouth, Va.

Triphosgene, 136 pounds, Edgewood Arsenal, Md.

Uranium Nitrate, 144 ounces, Atlanta, Ga.; 325 ounces, Schenectady, N. Y.; 160 ounces, Binghamton, N. Y.

Urea, 8,000 ounces, 1,000 ounces, Los Angeles, Calif.; 15,600 pounds, Louisville, Ky.

Waterproofing Compound, 100 gallons, Camp Bowie, Tex.

Xylene, 2,000 pounds, Schenectady, N. Y.

Zinc Chloride, 900 pounds, Edgewood Arsenal, Md.; 250 pounds, Binghamton, N. Y.; 425 pounds, Atlanta, Ga.; 25 pounds, Schenectady, N. Y.

Zinc Cyanide, 500 pounds, Lowell, Mass.

Zinc, 600 pounds, Binghamton, N. Y.

Zinc, Sulphate, U.S.P., 2,406 pounds, Binghamton, N. Y.

Enemies in an Undeclared War

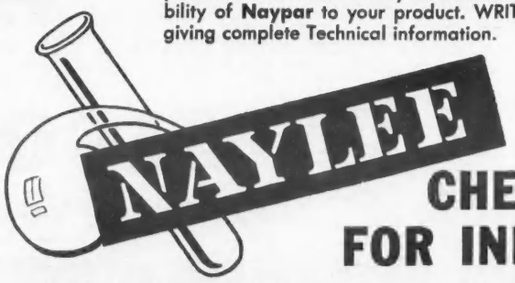
NAYLEE
NAYPAR
CHLORINATED PARAFFIN
FOR
FIREPROOF
WATERPROOF
AND
MILDEW-PROOF
COATINGS

One of the biggest selling points postwar textiles and fabrics can offer is being tried and proved now on our farflung battlefronts, from the merciless tropical heat of New Guinea and Africa to the icy wastes of the Aleutians.

Today NAYLEE NAYPAR CHLORINATED PARAFFIN is helping safeguard Allied lives and matériel against the ravages of fire, water and mildew. Tomorrow it will help protect many different types of products against these same destructive forces.

The need for fabric treated so as to render it resistant to fire, water and mildew, demanded improved Techniques. Tested and approved—successfully used in the impregnation, along with other pigments, of millions of yards of canvas, duck, and other textiles, for the armed forces, **Naypar** has demonstrated its dependability under the most trying conditions.

Now **Naypar** is ready to do a job for you—the fact that it is noted for its stability, uniformity and compatibility and is miscible in a wide range of solvents makes possible a much broader application for chlorinated paraffin, which indicates many new uses in other fields. Consult us with your problems. Our chemists may be able to help you to determine the suitability of **Naypar** to your product. WRITE for FREE, informative folder giving complete Technical information.



CHEMICALS
FOR INDUSTRY

NAYLEE CHEMICAL COMPANY

MILNOR ST. & ROBBINS AVE. PHILADELPHIA 35, PA.

(Warehouses from Coast to Coast)

Columbia Buy Alkali Plant in California

Columbia Chemical Division of the Pittsburgh Plate Glass Company, Pittsburgh, Pa., has purchased from the Pacific Alkali Company its 200-acre soda plant on the west shore of Owens Lake, Lone Pine, Calif. Pacific Alkali had operated the plant since 1926.

Ammonia **ALUM** Potash
ALL GRADES
INTERBORO CHEMICAL CO.
32 Cliff Street, New York 7, N.Y. BEekman 3-2959

OXALIC ACID
CRYSTALLINE AND POWDERED
Guaranteed 99.8% Pure
Free from Sulphuric and Hydrochloric Acid.
Careful Screening Insures Uniformity.
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OXIDE (Porous / Free from Carbides)
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CHLORIDE
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· SODIUM SULFIDE · SODIUM SULFHYDRATE ·
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MANUFACTURED BY
CHEMICAL PRODUCTS CORPORATION
CARTERSVILLE, GEORGIA

AMMONIUM PERSULPHATE
- Grade A—Fine crystals . . . Guaranteed not less than 99% pure
- Grade B—Medium crystals—97½% pure

PENNSYLVANIA SALT
MANUFACTURING COMPANY
Chemicals
1000 WIDENER BUILDING, PHILADELPHIA 7, PA.
New York • Chicago • St. Louis • Pittsburgh • Minneapolis • Wyandotte • Tacoma

Neutralize **MINERAL ACIDS** *Safely* —*with* **NIACET**
SODIUM ACETATE
Niacet sodium acetate is in wide use as a safe, certain buffering agent against strong acids as in distillations, corn syrup refining, dyeing, tanning, etc. The acetic acid formed keeps the pH on the acid side but is not so strong as to injure fabrics, decompose the dyestuffs or the various chemicals. Sodium acetate is available in anhydrous and crystal form. Save 33% storage space, lessen freight and handling costs by ordering the ANHYDROUS GRADE.
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SELENIUM SALTS
VITRO MANUFACTURING CO., Corliss Station, Pittsburgh, Pa.

For efficient fumigation
METHYL BROMIDE
"Effective Against a Wide Variety of Insects"
- - Available for prompt shipment - -
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CROTON
POTASSIUM NITRATE
SODIUM NITRITE • SODIUM NITRATE • BORAX • BORIC ACID
POTASSIUM CHLORIDE • CAUSTIC SODA • SODA ASH • SODIUM PERBORATE • CUROSALT (for curing meat) • WELDING FLUXES
FLAMEPROOFING COMPOUNDS • SPECIAL PRODUCTS USED IN REFINING AND CASTING OF MAGNESIUM AND ALUMINUM
INDUSTRIAL CHEMICALS SINCE 1836
CROTON CHEMICAL CORPORATION.
114 LIBERTY STREET, NEW YORK, 6, N.Y. PHONE RECTOR 2-0403

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SODIUM SULFITE Anhydrous
SODIUM HYPOSULFITE Diamond, Pea Crystal
SODIUM CARBONATE MONOHYDRATE
SODIUM THIOSULFATE Anhydrous
GLACIAL ACETIC ACID
HYDROQUINONE
ARMOL
POTASSIUM ALUM
BORAX
BORIC ACID
★ *And a complete line of photographic chemicals.*
A. R. MAAS CHEMICAL CO.
4570 ARDINE STREET · SOUTH GATE, CALIFORNIA
"ARMED FOR CHEMICAL SERVICE"

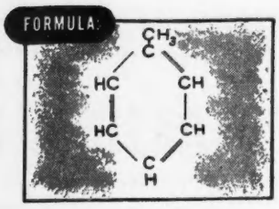
INDUSTRIAL *Washine* **CHEMICALS**
ACETIC ACID
28% - 56% - 70% - 80% and Glacial
CARBOYS - BARRELS
Washine-National-Sands, Inc.
MANUFACTURING CHEMISTS SINCE 1919
37-02 Northern Blvd. Long Island City ST. 4-0500
Jacobus Ave. S. Kearny, N. J. MA 3-4725

TOLUOL

DEFINITION: The coal-tar product toluol, also called toluene and methylbenzene, is an aromatic hydrocarbon.

HISTORY: Discovered in 1838 by Pelletier and Walter in the condensation products from the manufacture of rosin-gas, and was called "retinaphtha." Afterwards Deville obtained it by destructive distillation of tolu balsam. The name toluol (toluene) was given to it by Berzelius. Mansfield found it in coal-tar.

FORMULA:



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SOURCES: Toluol is a normal constituent of the light oil recovered in the distillation (coking) of coal. This source of toluol has, in peace times, been sufficient to meet civilian requirements.

CHARACTERISTICS: Colorless mobile liquid boiling at 110.6°C/760mm., having a density of 0.8812 at 4°C, and solidifying at −95° C. Insoluble in water, dissolves readily in alcohol or ether.

USES: Starting point in manufacture of dyestuff intermediates and medicinals. The parent substance of T.N.T. Diluent for lacquers and solvent for synthetic enamels.

GRADES: Nitration toluol; specific gravity .869-.873; boiling range 1°C including 110.6°C. Industrial pure toluol; specific gravity .864-.874; boiling range 2°C including 110.6°C. Approximate weight per gallon—7.24 lbs. Shipped in returnable 50-gallon drums, non-returnable 50-gallon steel barrels, tank cars, and by tank trucks in areas surrounding many industrial centers.

NOTE: *Deliveries are restricted by the primary requirements of toluol for war uses.*

This is one of a series of advertisements presenting information on basic coal-tar chemicals.

Awarded to the men and women of the Barrett Frankford Chemicals plant for excellence in the production of war materials.

THE BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 Rector Street, New York 6, N. Y.
The Barrett Company, Ltd., 5551 St. Hubert Street, Montreal, Que.

ONE OF AMERICA'S GREAT BASIC BUSINESSES

Coaltar Chemicals

While demand for military use was expanding rather than diminishing for the major coaltar basic chemicals, the possibility of improved buying conditions was considered nil for the remainder of the month. The full force of government buying was reflected in the movement of benzol, naphthalene, toluol and xylol. Producers were able to keep the benzol situation in somewhat better shape than in toluol, or xylol, but it appeared as if civilian consumers will be facing a definitely tight supply position in these materials for some time ahead. It was reported phenol production will meet the approved requirements without unusual difficulty and there appeared to be no additional stringency in the supply of cresol, cresylic acid or tar acid oils. Creosote oil gave the impression of a well balanced market.

Basic influences regulated the production of intermediates. In most instances, available stocks were short while demand continued active. Reports suggested that a lot more anilin oil could find a ready market and the same was true of phthalic anhydride while some of the latter was reserved to take care of a possible emergency. Moderate quantities of the hydrogenated solvents were available, a condition that did not seem likely a few weeks back. Government buying of dyestuffs was reported heavy enough to keep the supply of available material down for civilian use.

Steel operations for the week beginning December 11, were scheduled at 96.9 percent of ingot capacity, compared with 96 percent for the previous week, according to the American Iron and Steel Institute. A month ago, the indicated rate was 96 percent. The current schedule is equivalent to a production of 1,743,200 net tons of ingots and castings for the week, compared with 1,727,000 tons for the previous week and 1,730,700 tons for the corresponding week in 1943.

Basic Products

Benzol—Position tight under continued heavy withdrawals reported to be for military use. Pressure, possibly not as great as in toluol and xylol as producers seemed better balanced on shipments. Production covered approved requirements leaving a large part of civilian wants unsatisfied, it was said.

Coaltar—Steady movement reported for specific purposes with some material channeled to areas to relieve fuel shortages where the scarcity of kerosene and other fuel products has created hardships.

Creosote Oil—While consumers have been forced to depend entirely on domestic output, it was reported that production has been sufficient to cover government and civilian requirements throughout the year leaving inventories relatively low at the close.

Cresylic Acid—Domestic as well as imported seemed to be finding an active outlet for use in the manufacture of tricresylphosphate. The general plastic movement was also reported steady. No easement in the supply position could be noted.

Naphthalene — Manufacturers of phthalic anhydride as well as other intermediates have been taking all of this material they can secure. General demand is considerably above the producing capacity and the market continued to hold a definitely tight position. Moth repellent received only limited quantities to relieve hardship cases.

Phenol—Output remained sufficient to meet the approved requirements for industrial use. Under this category, plastics, chemicals and pharmaceuticals seemed to be getting a fair share through WPB regulations.

Toluol — Definitely tight supply situation was noted in this basic material. Heavy withdrawals for military use have cutback the amount of material available for civilian requirements and have left the outlook without sign of easement.

Xylol—Market position similar to toluol. Reported that government has called for substantial quantities which has necesarily diminished the supply available for civilian use.

Chicago, Dec. 15.—Call for various grades of coaltar bases is extensive. Buyers are showing no disposition to ease off in their takings and in fact probably would be willing to take considerably more material if they could obtain it. Benzol continues to be subject to good interest. Ruling prices exclusive of tax are:—Benzol, pure, in tankcars, freight allowed up to 2c. per gallon, 15c. per gallon; toluol, 2-degree, same basis, 28c.; 10-degree xylol, same basis, 30c.; industrial xylol, same basis, 27c.; solvent naphtha, same basis, 27c.; creosote oil, grade 1, 15½c.

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
129.2	129.2	129.2	129.2

Hydrogenated Solvents

Material was reported to be available for prompt shipment. The supply position did not change a great deal but it was apparent that production had at least leveled off demand with some material left over for additional wants. Buying interest over the past few weeks was not unusually active for use in synthetic resins or for specific requirements.

Coaltar Acids

Broenner's—Supply situation reported short reflecting the difficulty in securing napthalene. As long as the basic material maintains its tight position, there seemed little chance of easement in the acid supply condition.

Gamma—Production of this intermediate reported to be moving as freely as possible for the manufacture of dyestuffs. Supply position tight.

H—No easement in supply situation. Output routed to regular consumers through contract channels leaving no excess material.

Maleic—Synthetic resin manufacturers reported to be taking care of most of the production. Market position described as tight and firm.

Tobias—Demand from regular consumers absorbing output and keeping inventories at low level. Position firm with former prices current.

Other Intermediates

Anilin—Expanding tendency of demand has kept production under continued pressure. While allocations have been covered the inventory position was reported low. It looked as thought a lot of business could have been placed if the material could have been found.

Benzidin Base—Kept in short supply through tight position of basic material. No improvement anticipated until basic market eases.

Diethylanilin—Moved into consuming channels about as fast as produced. Inventories reported low with price position firm. Production restricted by shortages of labor and basic materials.

Dinitrobenzene—Production restricted by difficulty experienced in securing basic product. Position tight with material moving for essential requirements as fast as available.

Paradichlorobenzene — Demand reported well above the supply level. Diversion of basic material into channels considered more essential has kept production down. Market position definitely tight.

Phthalic Anhydride—No relaxation

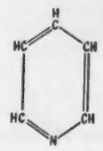
Coke By-Products

Estimates of by-product coke-oven operations in the week ended Dec. 9 indicate the following output of by-products from that source:—

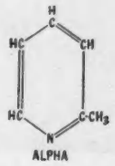
Ammonia sulphate	lbs.	38,599,526
Benzol	gals.	3,786,662
Coaltar	gals.	14,780,198
Creosote oil	gals.	781,763
Naphthalene	lbs.	1,649,630
Phenol	lbs.	219,871
Toluol	gals.	757,332
Xylol	gals.	171,011

For Current prices see alphabetical listing beginning on page 9.

Pyridine—Picoline



PYRIDINE



ALPHA PICOLINE

Grades

Both Pyridine and Alpha picoline distilling completely within 2°C.

Properties: (Pure Compound)

	Pyridine	*Alpha Picoline*
Molecular Weight	79	93
Melting Point	−42°C.	−69.9°C.
Boiling Point	115°C.	128°C.
Specific Gravity at 15½°C./15½°C.	0.986	0.949
State	Liquid	Liquid

Solubility:

Pyridine is miscible with water, alcohol, ether, benzene and many organic liquids.

Alpha picoline is very soluble in water and forms constant boiling mixture with it. It is completely miscible with alcohol and with ethyl ether.

Uses:

PYRIDINE—A starting material for production of pharmaceuticals, waterproofing chemicals, rubber accelerators. One of the best solvents for organic materials. Dissolves many metallic salts, forming relatively stable compounds without substitution. Useful in extraction, distillation and purification operations. The wide-boiling pyridines classified as Special and Denaturing grades, also available, can be used for denaturing alcohol and for many other purposes which do not require a large percentage of pure pyridine.

ALPHA PICOLINE—The high water-solubility and the boiling point recommend it for many solvent uses in place of more expensive solvents, particularly where the use of a pure compound will reduce costs in comparison with wide boiling ranges of unknown compositions. Used in the synthesis of alkaloids, pharmaceuticals and other organic compounds.

KOPPERS COMPANY, INC.

Tar and Chemical Division **Pittsburgh 19, Pa.**

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Assn. of Consulting Chemists & Chem. Engineers, Inc.
50 East 41st St., New York 17, N. Y.

Bureau of Chemistry
2 Broadway, New York 4, N. Y.

Day Chemical Company, Inc.
713-15 S. 14th St., Newark 3, N. J.

Di Cyan & Brown
12 East 41st St., New York 17, N. Y.

The Edwal Laboratories, Inc.
732 Federal St., Chicago 5, Ill.

Dr. J. Ehrlich
153 S. Doheny Dr., Beverly Hills, Calif.

Ellis-Foster Company
4 Cherry St., Montclair, N. J.

Ralph L. Evans Associates
250 East 43rd St., New York 17, N. Y.

Food Research Laboratories, Inc.
48-14 33rd St., Long Island City 1, N.Y.

E. M. Laning Company
433 Stuyvesant Ave., Irvington 11, N.J.

LaWall & Harrisson
1921 Walnut St., Philadelphia 3, Pa.

Leberco Laboratories
36 Roosevelt Ave., Bloomfield, N. J.

James C. Munch
306 So. 69th St., Upper Darby, Pa.

Orthmann Laboratories, Inc.
647 W. Virginia St., Milwaukee 4, Wis.

W. S. Purdy Company, Inc.
128 Water St., New York 5, N. Y.

Schwarz Laboratories, Inc.
202 East 44th St., New York 7, N. Y.

Foster D. Snell, Inc.
303 Washington St., Brooklyn 1, N.Y.

Stillwell & Gladding, Inc.
130 Cedar St., New York 6, N. Y.

Herbert Waterman
2100 Roselin Pl., Los Angeles 26, Calif.

Wiley & Company, Inc.
Calvert & Read Sts., Baltimore 2, Md.

Joseph A. Wyler
212 N. St. George St., Allentown, Pa.

could be noted in the demand for use in the manufacture of alkyd resins and esters. In fact, the call for synthetic resins seemed to be gaining. Aside from this, a well assorted demand prevailed which pressed production. Meantime, a moderate reserve was withheld to take care of emergency developments.

Coaltar Colors

Steady production has not eased the supply situation and trade reports indicated short stocks in most every direction. Shipments of dyes for military fabrics were said to account for the major part of the market's movement. Shortage of manpower and materials has restricted any tendency to increase output regardless of an expanding demand for civilian requirements.

La Motte Resigns From du Pont Company

Ferdinand LaMotte, jr., director of the purchasing and traffic departments of E. I. du Pont de Nemours & Co., Wilmington, will retire from active service with the company January 1. He will also retire as chairman of the board of the International Freighting Corporation, a Du Pont subsidiary.

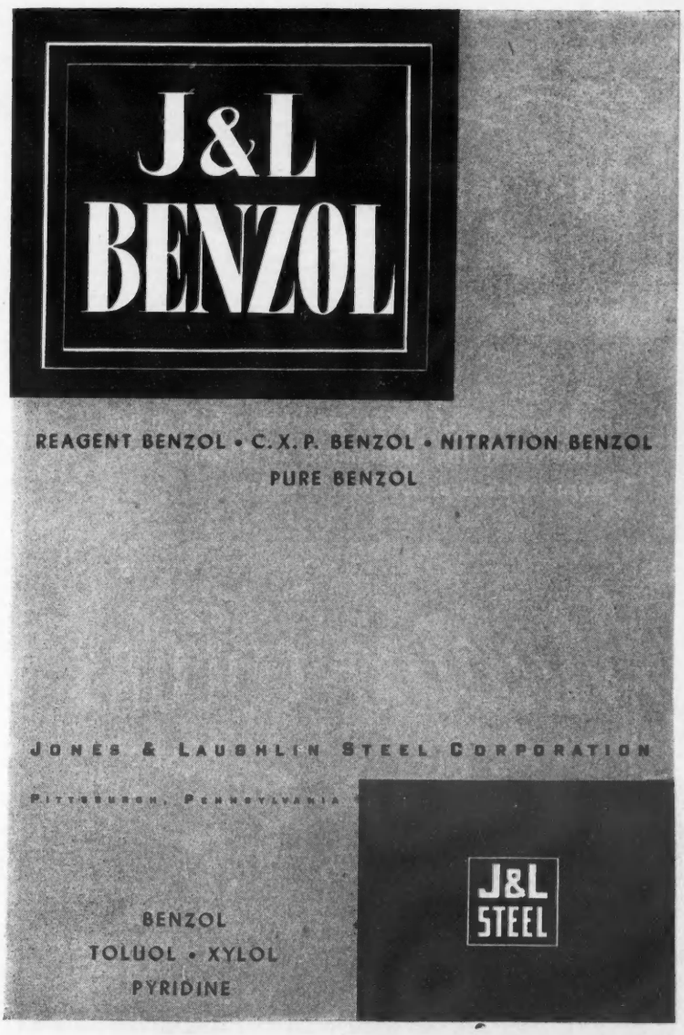
Mr. LaMotte has been associated with the Du Pont Company since 1909. R. W. Marshall will head the traffic department and E. H. Hawkins will head the purchasing department.

Hercules Powder Issues Cellulose Plastics Booket

A four-page folder printed in color, illustrating the properties of the cellulose plastics family, has been issued by Hercules Powder Company's Cellulose Products Department of the Hercules Powder Company, Wilmington, Del.

Beltz with Commercial Solvents

William A. Beltz has been appointed export manager of the Commercial Solvents Corporation. Mr. Beltz was formerly assistant export manager of Witco Chemical Company.



R.W. Greeff & Co. Inc. New York, U.S.A.

INDUSTRIAL AND PHARMACEUTICAL *Chemicals*

METHYL ISOBUTYL KETONE

Available in tank car quantities

Selling Agent for
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Division of
SHELL UNION OIL CORPORATION

R.W. GREEFF & CO.
10 ROCKEFELLER PLAZA — NEW YORK CITY
TRIBUNE TOWER — CHICAGO, ILL.

TRUE TO THEIR STANDARDS

Even under the stress of wartime production, maintenance of those qualities which have established the leadership of Mapico pigments is assured by their makers.

Mapico COLORS
PURE OXIDES OF IRON

COLUMBIAN COLLOIDS

COLUMBIAN CARBON CO.
MAGNETIC PIGMENT DIVISION
MANUFACTURER
BINNEY & SMITH CO., *Distributor*
41 East 42nd Street — New York 17, N. Y.

YELLOWS
REDS
BROWNS
BLACK

Protective Coatings Materials

War orders are all that keep the market for protective coatings and their ingredients boiling, these days. But this military business is keeping it very much alive. So lively is it that the total 1944 volume of sales of paints, varnishes, lacquers and fillers recorded by the 680 establishments customarily reporting to the Census Bureau, is now estimated as climbing to an alltime peak at around $630,000,000, or fully $62,000,000 in excess of that for the hitherto banner year, 1943.

Civilian business in paint, varnish and lacquer and their raw materials is becoming lethargic as the end of the year approaches. But this is the usual experience in the concluding weeks of December. It would have occured, even if this non-military business were not insuperably handicapped, as it is today, by drastic allocation controls and other restrictions on all except war production uses of many of the most important raw materials.

Some processors of raw materials and manufacturers of finished coatings report increasing ease in the supply of steel drums, cans and other metal shipping containers. Others contend that they are finding the supply situation in these containers just as tight as a year ago. All agree that lack of adequate manpower is holding back deliveries to them in these lines as much as a fortnight to a month.

In view of the more liberal supply of aluminum, the War Production Board has simplified the method of applying for allotments of that metal by eliminating the eight forms, specified in schedule 1 of CMP regulation 1, on which such applications hitherto had to be made and by arranging for the making of such applications merely in terms of "aluminum" without further specification.

Metallic Lead and Zinc

The Tin, Lead and Zinc Division of the War Production Board, having recently announced its intention to impose some sort of allocation control on lead, has been engaged in deliberations with the American mining and smelting interests ever since it made its first announcement on this score. To date, however, nothing has materialized in the line of a well-defined allocation order, as the WPB division has been reluctant to take snap-judgment action along this line that may require revision a month or two hence to make its provisions more drastic or more lenient.

To what extent WPB's allocation of lead, now in the process of gestation, will affect makers of lead pigments remains to be seen.

Meanwhile, there is no doubt that the Defense Supplies Corporation's stockpile, consisting largely of the corroding grade, is being pulled down heavily and is in danger of being wiped out, as war needs, combined with civilian demand, is running extremely heavy, while domestic production continues to diminish and importations are shrinking, being now confined to shipments from the decreasing output of Peru and from the none-too-sizable yield of Mexico, with the erstwhile importations from Australia and Canada entirely cut off.

Prices for pig lead have remained unchanged for the week Dec. 8-15 at 6.35c. per pound in St. Louis and 6.30c. in New York.

Despite a steady amplification of domestic production of zinc ores, concentrates and slabs, zinc pigment makers still have to present priorities in order to fill their requirements, as the combined war and civilian demand continues to outstrip current output and supplies. Quotations for zinc slabs have remained unaltered for the week Dec. 8-15 at 8.25c. per pound in East St. Louis and 8.66c. in New York.

The Zinc Institute reports that stocks of slab zinc in the hands of producers in the United States on November 30 amounted to 246,172 tons, compared with 244,344 tons on October 31. Production for November reached 67,432 tons, against 68,781 tons for October, while deliveries to domestic users were 65,564 tons, contrasted with 67,820 tons, and unfilled orders on November 30 dropped from 18,243 tons on October 31 to 16,058 tons on November 30.

Market Trends

Prices Advanced

Dibutyl phthalate, tankcars, 0.2c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
140.2	140.2	140.2	140.2

Pigments

Titanium Dioxide—A further slight easing of the hitherto tight supply situation in this whitening pigment has been noted of late, as the new amendment to WPB order M-353 has curtailed limited priority deliveries on rated orders to those having certifications of war-use purposes.

Zinc Oxides—Demand continues to outrun available supply in both lead-free and leaded grades, with the latter types, which are free from allocation, being snapped up whenever offered by consumers unable to produce WPB authorization to purchase the former types.

Fillers and Extenders

Asbestos—WPB has removed restrictions on the use of South African asbestos fiber through revocation of section (b) of conservation order M-79. Arrivals of 12,282 bagfuls are noted.

Mica—OPA is continuing its study of the applications of some makers of wetground mica for permission to mark up their prices for these grades to the extent of $5 per ton. But, although that bureau has granted permission to these producers to sell their output on an adjustable pricing basis, pending its final decision on the establishment of industry-wide price ceilings, few, if any, of these producers have yet shown any inclination to date to bill customers with invoices containing this adjustable price proviso. And no definite intimation has yet been given as to when and at what levels OPA will fix the contemplated price ceilings.

In strategic mica, an amendment to WPB's conservation order M-101, effective January 1, has extended the field of operations for importers to the extent of permitting the importation of several types and greater quantities of mica in that category, with WPB relinquishing control over much of the stock of this material.

Dry and Chemical Colors

Carbon Blacks—A tightening of the regulation covering the channel type of carbon blacks, calculated to induce manufacturers of synthetic rubber tires to cut down on their use of so-called "rubber grades" of channel black and to employ furnace types more extensively, is said to be contemplated by WPB. To date, however, this restraining order has not been issued.

Chrome Colors—With civilian use of the chrome greens, yellows and oranges held down to meager proportions and with zinc chromate yellow continuing under complete allocation, business in chrome colors still consists almost entirely of supplying them to military accounts.

Driers and Flatteners

Tallates—Steadily increasing buying operations are noted in cobalt, manganese, zinc and some of the other types of these driers.

Stearates—Producers report an undiminished buying movement in zinc, aluminum, magnesium, barium and calcium stearates. In some instances, no new orders can be booked except for old customers.

Lacquer Materials

Dibutyl Phthalate—Responding to an increase in their costs of butanol, two of the leading makers of this material have marked up their price

For Current prices see alphabetical listing beginning on page 9.

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schedules on dibutyl phthalate for the period December 10, 1944-January 9, 1945, to the extent of 0.2 cents per pound to a basis of 21 cents per pound in carload lots. The producer having the lowest butanol cost, however, has continued his quotation at 19.9 cents in tankcars and three other sizable processors have retained their previous period's price lists.

Methyl Acetate—Free from allocation control, this material is being purchased in moderate volume by lacquer makers acquainted with its speedy action and able to obtain good results from its use.

Synthetic Resins

Phthalic Alkyd Resins—In order to keep a more complete and accurate account of the aggregate takings of phthalic alkyd resins by their authorized users, WPB has requested all consumers of these resins filing form WPB-2945 to total the quantity ordered from each supplier at the bottom of column 2 in this form, entitled "quantity requested." These totals, adds WPB's request, will be listed by the Chemicals Bureau in column 4 of suppliers' form WPB-2946, entitled "quantity ordered," before that form is returned to the supplier.

Thermoplastic Scrap—To prevent collection of a premium on thermoplastic scrap which could be used without further processing, OPA has clarified the definition of "scrap" in its regulation fixing ceiling prices for that material by setting forth specifically in this definition that it includes material left over from fabricating operations, even though that material is usuable without further processing.

Urea and Melamine Resins—WPB has reduced the small order exemption on these resins for protective coatings from 2,000 to 550 pounds per month, effective January 1, 1945, because of increased military requirements for formaldehyde, which is used in their production.

Vinyl Acetate—WPB has lifted allocation control over vinyl acetate, used chiefly in the production of vinyl resins, by revolking order M-240, in recognition of the fact that the present supply of this chemical is now in excess of requirements.

Naval Stores

Contrary to general expectation, there has been no boilover of activity in the market for gum rosin within the past week. On the other hand, there has been a considerable acceleration of the pace of trading in gum turpentine. But no price revisions have occurred in either direction.

Rosin—Offerings of gum rosin on the Savannah Exchange have been meagre. And there have been few private proffers of more than small lots. As previously explained, the recently announced amendment 2 to MPR 561 has extended to all sales on the Savannah Exchange the OPA ceiling prices, theretofore applying only to stocks "on yard Savannah," irrespective of where the stocks thus sold are located. Hence it has afforded to producers with minus-differentials the opportunity to place their rosin on the Savannah Exchange and obtain flat Savannah ceiling prices. And it has also permitted producers with plus-differentials to continue to sell privately off the exchange at the more favorable ceilings which they have established on this class of sales.

But gum rosin has been in short supply and many bids, made to producers at points outside Savannah having plus-differentials, at prices ranging from 20c. to 30c. above the Savannah Exchange ceilings, have failed to elicit offerings.

Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$5.05	$5.05	$5.05	$5.05	$5.05
D	5.12	5.12	5.12	5.12	5.12
E	5.65	5.65	5.65	5.65	5.65
F	5.75	5.75	5.75	5.75	5.75
G	5.79	5.79	5.79	5.79	5.79
H	5.81	5.81	5.81	5.81	5.81
I	5.81	5.81	5.81	5.81	5.81
K	5.85	5.85	5.85	5.85	5.86
M	5.87	5.87	5.87	5.87	5.87
N	6.03	6.03	6.03	6.03	6.03
WG	6.28	6.28	6.28	6.28	6.28
WW	6.55	6.55	6.55	6.55	6.55
X	6.55	6.55	6.55	6.55	6.55
	Drums				
Sales	...	...	...	...	...
Receipts	47	150	113	228	132
Shipments	...	...	...	220	196
Stocks	15,800	15,950	15,757	15,765	15,701

Turpentine—With the demand for gum turpentine running high, offerings on the Exchange and those made privately have proved insufficient to fill all requirements. Hence, additional drafts have been made upon CCC holdings. But the new parity price of 79c. has prevailed in all transactions. Locally, several sizable sales were made for domestic consumption and export.

Savannah, Dec. 15.—Following is a record of the market for the week:—

	Bulk gallons		Barrels		
	Cents.	Sales.	Receipts.	Shipments.	On hand.
Monday	79	950	10	508	24,994
Tuesday	79	...	63	5	24,992
Wednesday.	79	1,300	16	...	25,008
Thursday	79	...	38	102	24,944
Friday	79	2,000	16	97	24,863

Varnish Gums

Copal—Awaiting further arrivals of Congo copal on the remainder of the 1944 permits, American importers and processors of this natural resin are endeavoring to stretch their stocks of this gum on hand as best they may, so as to care for the most pressing needs of regular customers.

Shellac—With the demand for white and orange cut shellacs running high, cutters are being compelled to decline orders for considerable quantities, as they are still handicapped by lack of adequate manpower in their plants and the insufficiency of the output of the bleachers, who, in turn, are unable to obtain anywhere near an ample supply of seedlac and the darker grades of shellac, customarily employed in their operations, and who would also require much more denatured alcohol than they are now allotted, if they had more seedlac.

A cablegram received by the OPD from London, England, under date of December 15, reports that certain grades of shellac are now available for re-export and adds that information as to approved destinations may be obtained from the British Ministry of Supply.

Exports of shellac from Calcutta to all consuming countries for the eight months ended August 31, 1944, compared with those for the corresponding periods of 1943 and 1942, are shown below:—

	Packages		
	1944	1943	1942
Orange	168,682	56,279	140,905
Garnet	3,675	2,368	3,132
Button	13,079	1,278	7,086
Seed	44,736	4,111	67,666
Totals	230,172	64,086	218,789

Glues and Binders

Casein—Arrival of 14,266 bagfuls of Argentine casein, weighing approximately 819 tons, has been noted without affecting the American market for this material or for the domestic product, whose current output is at ebb-tide.

Glues—Reports that the present allocation control over hide and processed bone glues is expected to be continued in the first quarter of next year have been pleasing to a majority of producers and consumers.

Paint Lines Wanted In South America

Miguel Pons, importing representative in several lines of goods, is desirous of expanding to carry a line of paints and varnishes from the United States at 592 Jiron Camana, Lima, Peru.

A distribution agency for U. S. paints, varnishes and lacquers, pigments and related products is sought by Luis Fernando Prada, manufacturers' agent, 9 Calle Eugenio Macias, Baranquilla, Colombia.

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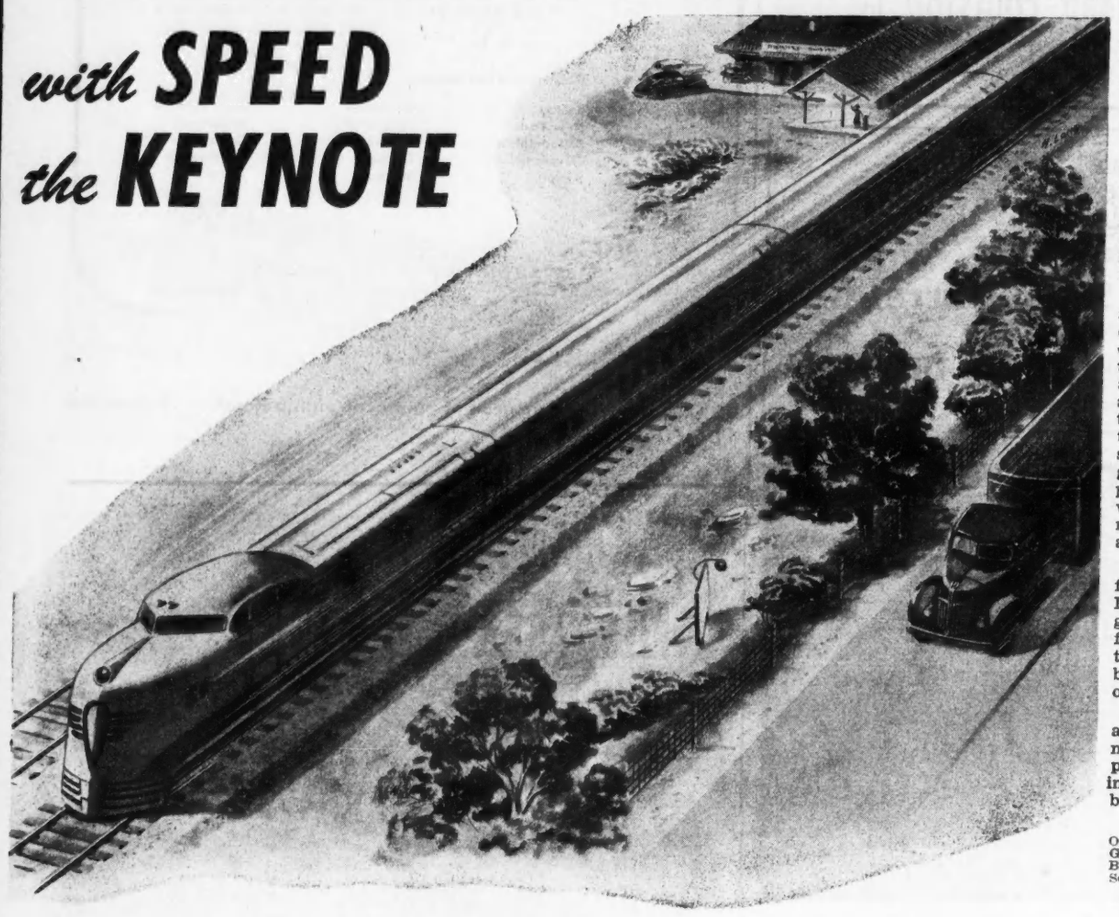

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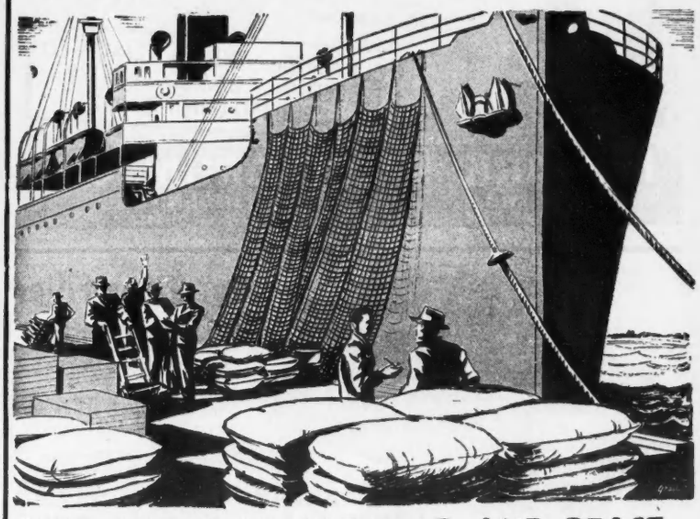

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Procurement Div. Sales

—Continued from page 7

ble distribution geographically and according to need, (2) the speediest distribution to the extent that speed is important, (3) greater protection of trademark value for the manufacturer, (4) highest return to the government considering other pertinent factors, (5) most satisfactory service to the consuming public.

The basis of the staff's inquiry was the classified reports, furnished by the Treasury, covering inventories acquired, property disposed of and inventories remaining from May 31 to October 31. It included also a sampling of sales; specifically, sales of surplus consumer goods in excess of $10,000, appraised value between July 1 and October 21 in six of the eleven field offices of the department. Commenting on its investigation, the staff said:—

In considering the reports on overall disposition and accumulating inventories and the sampling reports of sales, the staff investigators are in agreement that they are disturbing more for what they do not contain than for what they reveal. That absence is a general participation by the commercial community of this country in the purchase of surplus consumer goods. This may not be too important at the present moment when consumer goods in most lines are in large demand and while these surplus goods, if not too rapidly, still are moving into markets.

On the premise of the agency's major policy, it logically follows that in this beginning period, this honeymoon period, when Treasury disposal salesmen are enjoying the transient bliss of having relatively small quantities of goods to dispose of to a hungry and eager trade community and consuming public, in this period the agency must, if ever, establish cordial and efficient trade relations with the regular trade. This community, which includes the widespread and important small business commerce, must eventually be the reliance of the government to carry its surplus goods to the consuming public when the tremendous post victory flow gets underway. It is incumbent upon Treasury disposal, if it is to succeed, to establish throughout its organization sound trading practices which are accommodated to the regular buying trade needs and to employ both enterprise and imagination in interesting this community in the buying of surplus goods.

In discussing the policy of selling through regular channels of trade, the report noted that there were 126 sales made in the six regions where the transaction involved $10,000 or more. In the main these sales were made to concerns unquestionably in the regular channels of trade. On the basis of 126 transactions reported, it added, the regular business representation is large, but when this is related to the host of firms of the whole regular business community the representation becomes insignificant.

The report took cognizance of the difficulty of defining regular channels and speculators, noting that no business house hangs out a shingle designating itself as a speculator. Nevertheless, it was added, in this crucial period of the agency's organization and preparation for its great task of the future, it seems of sure importance that its trade be established with "regular" merchants and that every effort be made to interest, accommodate and cement firm relations with them.

Taking note of statements of Mr. Olrich that he prevented sales to speculators by pricing his goods so near their market value that speculators would not be interested in buying, the staff said, however, that the facts presented in the reports bring his conclusions in question. The reports indicate that the outside buyers on the whole were able to offer the higher price, the staff said, citing the case of sales in the New York region, where prices paid by 13 regulars represented 78 percent of the appraised value of the purchased property, while the prices paid by seven outsiders represented 82 percent.

The staff said that it was not recommending that the Treasury absolutely commit itself to the sale of surplus goods through regular trade channels, because future experience may prove this an unsatisfactory plan. But, it was added, at the present moment the policy seems to have the support of the trade community generally and in particular the small business element.

The staff report also called attention to complaints it had received of insufficient advertising, of sales without notice and of misrepresentation of goods. A number of buyers from the regular channels of trade have complained, it was stated, that inadequate information concerning the goods offered for sale, combined with the fact that personal inspection of the goods was not always feasible, has discouraged them from entering the surplus market. The report cited several instances where buyers learned of the Treasury offerings through third parties, instances where they did not learn of the offerings until after the sale was made, and cases where the only notification of a proposed sale was through a telephone call from a disposal office.

E.H. Clapp Retires From Forest Service

Earle H. Clapp, associate chief of the Forest Service, is retiring from active duty after nearly forty years of government service, the Department of Agriculture has announced. Mr. Clapp has served as associate chief of the Forest Service since 1935. From 1939, following the death of the late Chief Forester F. A. Silcox, until 1943, when Mr. Watts became chief, Mr. Clapp served as acting chief of the service, carrying the Service through some of its most difficult years.

Flaxseed Subsidy

—Continued from page 3

dicated strong sentiment against the use of the funds for benefit payments, but rather that they should be used to bolster the market price of flaxseed.

Members from the producing States argued that the best way to assure the expansion of acreage next year is through a price-support program because this involves less red tape to the growers than does a program of benefit payments based on the acreage placed under cultivation. The debating senators urged that the government support the price of flaxseed at $4 or $4.50 a bushel, predicting that if this program were followed, the acreage would be expanded to the desired 6,000,000 acres to produce an estimated 60,000,000 pounds of oil.

Although the War Food Administration has expressed its support of measures being taken to double the acreage to flaxseed next year, it has not made known its attitude on the proposition of the senators that the encouragement be in the form of a price-support program rather than a benefit payment program.

Whelpley Quits Pacific Tin

Medley G. B. Whelpley has resigned as chairman of the board, president and director of the Pacific Tin Consolidated Corporation. He will be succeeded by George W. Coffey, first vice-president, as chairman and president.

WPB Operations Head

Harold Boeschenstein has been appointed Operations Vice-Chairman of the War Production Board.

Health Programs Asked For Federal Employees

OPD Washington Bureau

A broad program of promoting and maintaining the physical and mental fitness of employees of the Federal government is provided in a bill (S. 2201) reported to the senate for passage December 4 by the committee on civil service. The bill is now on the senate calendar for passage.

Under its terms all departments and agencies of the government are authorized to establish by contract or otherwise health programs which will provide health services for employees under their respective jurisdictions.

The health services would be limited to treatments of minor illnesses and dental conditions except in cases of emergency or of injury or illness sustained while in performance of the employee's duty; preemployment and other examinations; referral of employees to private physicians and dentists; and education and preventive programs relating to health, including the alleviation of health hazards in the working environment.

Du Vigneaud Awarded

—Continued from page 3

was announced at a meeting of the section October 9. In 1943 the synthesis of biotin was achieved in the laboratories of Merck & Co., Rahway, N. J.

The award also recognizes Professor du Vigneaud's researches on transmethylation, the mechanism of the conversion of methionine to cystine, and the use of isotopes in certain problems in intermediary metabolism. Professor du Vigneaud, the citation adds, has carried out important researches on the chemistry of insulin, on the posterior pituitary hormones, on glutathions, and on carnisine.

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Permanent Orange Toners
Pyrotone Red Toners
Barium Products
STANDARD ULTRAMARINE CO.
HUNTINGTON, WEST VIRGINIA

Current Market Quotations

—Continued from page 33

Zinc, arsenite,[1] bgs., c.l., frt. alld. E. of Rockies	lb.	.11¾ - .13½
l.c.l., same basis	lb.	.12¾ - .14¾
Borate, bgs., c.l.	lb.	.12 - —
l.c.l.	lb.	.12½ - —
Carbonate, tech., rubber makers' grade, bbls., works	lb.	.09¾ - .10¾
USP, precip., powd., bbls.	lb.	.35 - —
dms.	lb.	.40 - —
kgs.	lb.	.37 - —
Chloride, tech., fused, dms., c.l., works	100 lbs.	5.00 - —
l.c.l., works	100 lbs.	5.35 - —
gran., dms., c.l., works	100 lbs.	5.75 - —
l.c.l., works	100 lbs.	6.50 - —
USP, dms.	lb.	.30 - .31
jars	lb.	.35 - .36
solution, 50%, dms., c.l., works	lb.	.0315- —
l.c.l., works	lb.	.04½- .04½
tanks, works	lb.	.0250- —
Chromate (see Yellow, Zinc).		
Cyanide, kgs., works	lb.	.33 - .37
Dust,[2] bbls., c.l., dlvd.	lb.	.1035- —
l.c.l., works	lb.	.1135- —
Fluoride, bbls.	lb.	.25 - .30
Hydrosulphite, dms., works	lb.	.16 - —
Iodide, NF, bots.	lb.	4.60 - 4.75
jars	lb.	4.40 - —
Laurate, bbls.	lb.	.32 - .33
Metal,[1,2,3] (quotations in Protective Coatings market report).		
Naphthenate, 8%-10% Zn, 50-gal. dms.	lb.	.16 - .19½
Oxide, pigment, dom., acicular,[4] bgs., c.l., dlvd.	lb.	.07½- —
l.c.l., dlvd.	lb.	.07½- —
American process, com'l, lead free,[4] bgs., c.l., dlvd.	lb.	.07½- —
l.c.l., dlvd.	lb.	.07½- —
leaded, 5%, bgs., c.l., dlvd.	lb.	.07½- —
l.c.l., dlvd.	lb.	.07¾- —
35% or more, bgs., c.l., dlvd.	lb.	.07 - —
l.c.l., dlvd.	lb.	.07¼- —
French process, com'l, lead free,[4] bgs., c.l., dlvd.	lb.	.07¼- —
l.c.l., dlvd.	lb.	.07½- —
green seal, bgs., c.l., dlvd.,	lb.	.09 - —
l.c.l., dlvd.	lb.	.09¼- —
red seal, bgs., c.l., dlvd.	lb.	.08½- —
l.c.l., dlvd.	lb.	.08¾- —
white seal, bgs., c.l., dlvd.	lb.	.09½- —
l.c.l., dlvd.	lb.	.09¾- —
USP,[4] 50-lb. ctns., c.	lb.	.10¼- —
l.c.l.	lb.	.10¾- —
Zinc oxide Pac. coast prices ½c. higher. Bbl. prices ½c. higher than bgs.		
Resinate, 8.7% Zn, 100-lb. dms.	lb.	.14½- —
fused, pale, bbls.	lb.	.11 - .13
precipitated, dms., dlvd.	lb.	.15 - —
Silicofluoride, bbls.	lb.	.15 - .16
Stearate, tech., ctns., c.l., frt. equald.	lb.	.29 - —
ton lots, frt. equald.	lb.	.30 - —
smaller lots, frt. equald.	lb.	.31 - —
USP (same prices as tech.).		
Sulphate, cryst., bgs., c.l., works, frt. alld.	100 lbs.	3.40 - —
l.c.l.	100 lbs.	4.15 - —
flake, bgs., c.l.	100 lbs.	3.80 - —
l.c.l.	100 lbs.	4.55 - —
powd., bgs., c.l.	100 lbs.	5.35 - —
l.c.l.	100 lbs.	6.10 - —
Zinc sulphate in bbls., 25c. higher.		
Sulphide,[1,3] pure, bgs., c.l., dlvd.	lb.	.08¼- —
l.c.l., dlvd.	lb.	.08½- —
bbls., c.l., dlvd.	lb.	.06½- —
l.c.l., dlvd.	lb.	.06¾- —
barium pigment, bgs., c.l., dlvd.	lb.	.0560- —
l.c.l., dlvd.	lb.	.0585- —
calcium pigment, bgs., c.l., dlvd.	lb.	.0560- —
l.c.l., dlvd.	lb.	.0585- —
fluorescent, pigment, works, frt. alld.	lb.	.90 - 1.00
magnesium pigment, bgs., c.l., dlvd.	lb.	.05¾- —
l.c.l., dlvd.	lb.	.06 - —
Zinc sulphide Pac. coast prices ¼c. higher. Bbl. prices ¼c. higher than bgs.		
Sulphocarbolate, NF, bbls., dms.,	lb.	.28 - .31
Tallate, 5% Zn, 50-gal. dms.	lb.	.09¾- —
Yellow (see Yellow, zinc).		
Zinc-ammonia chloride, dms., c.l., works	100 lbs.	5.65 - —
l.c.l., works	100 lbs.	6.70 - —
Zinc-cadmium sulphide, fluorescent, works, frt. alld.	lb.	2.50 - 2.85
Zinc-iron oxide pigment, bgs., c.l., dlvd.	lb.	.06 - —
l.c.l., dlvd. E. of Rockies.	lb.	.06¼- —
dlvd. Pac. cst.	lb.	.06½- —
ex whse., Pac. cst.	lb.	.07 - —
Zirconium hydride, cns., works.	lb.	7.00 - 8.00
Nitrate, kgs., works	lb.	3.60 - 4.00
Oxide, crude, 70-75%, grd., bbls., works	ton.	75.00 -100.00
white, 98%, grd., kgs., works.	lb.	1.80 - 2.00
ex whse., Pac. cst.	lb.	.07 - —

Synthetic Resins

The customary monthly listing of prices for synthetic resins and other branded paint materials was printed in OPD for **December 4.**

Louisville Paint Production Club Hears Eisenschiml

The Louisville Paint ard Varnish Production Club November meeting was attended by 58 members and guests. Otto Eisenschiml, guest speaker, discussed "Postwar Prospects for the Oil Industry." In this connection he discussed advantages and disadvantages of government control. He held that linseed oil is of primary importance because it is domestic and has been partially perfected. Castor oil, he said, may gain a dominating position because it can be grown in unlimited quantities, is cheap, and available, and may achieve perfection of drying qualities.

Surplus Chemicals Of Treasury Dept.

The following surplus materials are offered by the U. S. Treasury, Office of Surplus Property, 1126 Twenty-first street, N.W., Washington, D. C.

Acetone, 6,000 pounds, Richmond, Va.

Aloin, 7,950 bottles, Pueblo, Colo.; 9,548 bottles, Denver, Colo.

Ammonia Acetate, 100 pounds, Richmond, Va.

Ammonia Sulfamate, 1,500 pounds, Richmond, Va.

Barium Chloride, 125 pounds, Richmond, Va.

Bismarck Brown, 2,600 ten-gram vials, Denver, Colo.

Borax, 15,000 pounds, San Francisco, Calif.

Bottles, 10,128 of 1 liter; 42,000 of 120 cc.; Louisville, Ky., 432 of 120 cc. amber; 480 of 500 cc.; 500 of 1 liter; 500 of 4 liter; Richmond, Va.

Carbon Disulphide, 3,000 pounds, Richmond, Va.

Cardamon Compound, 900 pints of tincture, USP, San Francisco, Calif.

Castor Oil, 6,000 gallons, Pueblo, Colo.

Collodion, 20,000 ounces, Richmond, Va.

Ether, 7,160 pounds, Denver, Colo.

Ethyl Acetate, 30 pounds, Richmond, Va.

Gentian Compound, 5,424 pints, San Francisco and Los Angeles, Calif.

Green, Brilliant, 2,200 10-gram vials, Denver, Colo.

Hydrobromic Acid, 50 pounds, Richmond, Va.

Hydrochloric Acid, 9,000 pounds, Richmond, Va.; 12,000 pounds, Richmond, Va.

Iodoform, 1,750 pounds, Richmond, Va.

Iodoform Powder, 1,500 pounds, San Francisco, Calif.

Lead Oxide, 500 pounds, Baltimore, Md.

Magnesium Sulphate, 1,000 ounces, Richmond, Va.

Mercuric Cyanide, 1,250 pounds, Richmond, Va.

Methyl Green, 1,400 10-gram vials, Denver, Colo.

Molybdic Acid, 2,500 bottles, Richmond, Va.

Myrrh, 375 bottles, San Francisco, Calif.

Oxalic Acid, 12,000 pounds, Richmond, Va.

Phenol, 5,580 pounds of USP, Baltimore, Md.

Phosphotungstic Acid, 400 ounces, Richmond, Va.

Potash Alum, 250 pounds, Richmond, Va.

Procaine Tablets, 15,500 bottles, San Francisco, Cal.

Senna Powder, 3,133 pounds, Pueblo, Colo.; 2,000 pounds, Denver, Colo.; 4,000 pounds, San Francisco, Calif.

Sodium Cacodylate, 7,776 boxes, San Francisco, Calif.

Sodium Carbonate, Monohydrated, USP, 2,000 pounds in bottles, San Francisco, Calif.

Sodium Fluoride, 15,000 pounds, Richmond, Va.

Strychnine Sulphate, 45,000 tubes of 20 tablets of 1/60 grams, Denver, Colo.

Strychnine Tablets, 60,000 bottles of 1/60 grain, San Francisco, Calif.

Sulfosalicylic Acid, 4,000 ounces, Richmond, Va.

Sulphanilamide, 29,000 bottles, San Francisco and Los Angeles, Calif.

Sulphate, Cupric, 12,000 pounds, San Francisco, Calif.

Sulphuric Acid, 1,000 pounds of Aromatic, USP, Denver, Colo.

Sulphur, Precipitated, 30,000 pounds, San Francisco, Calif.

Tar, 4,731 gallons, Denver, Colo.

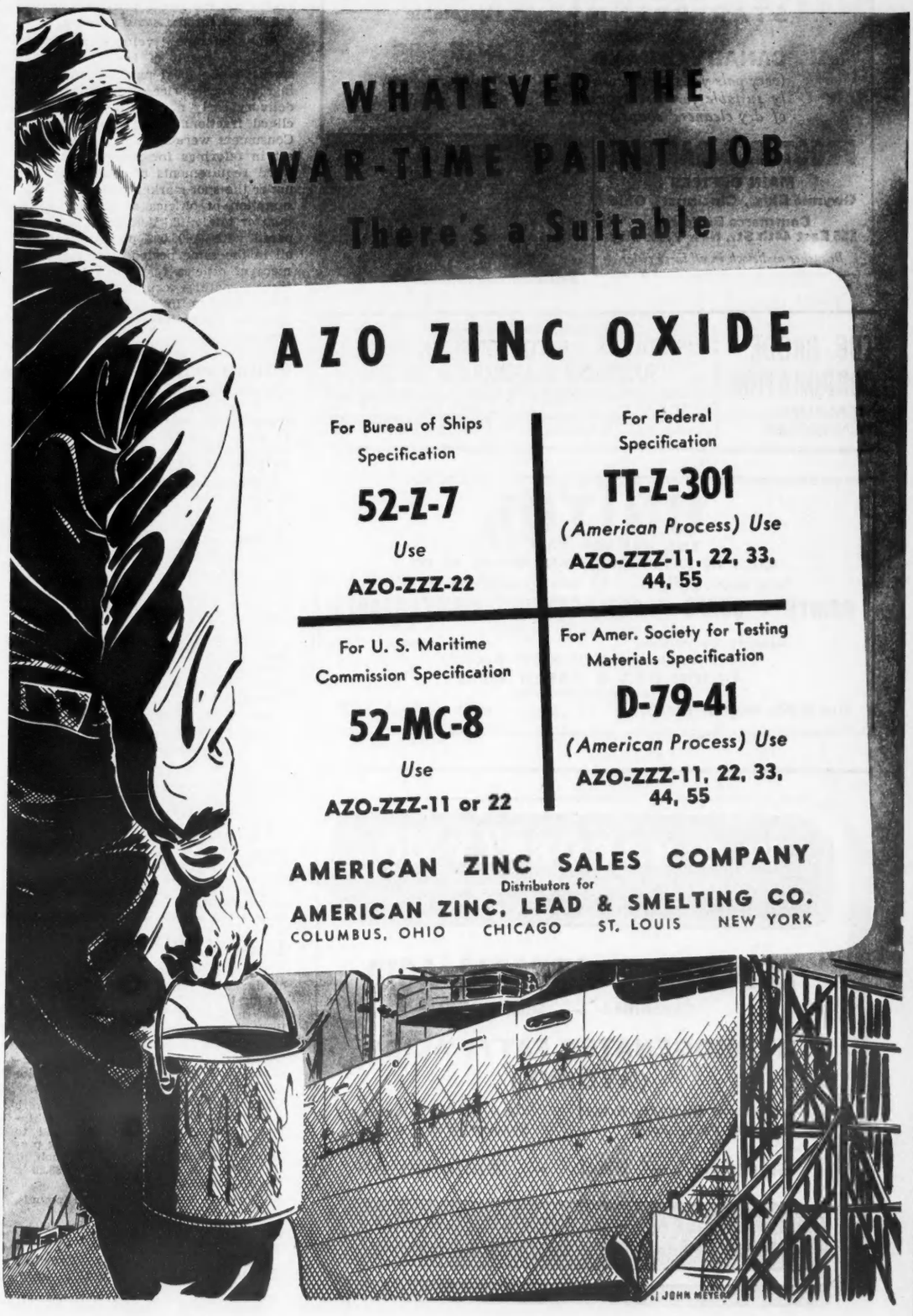
Thymol Iodide, 11,500 ounces, San Francisco, Calif.

Turpentine, Canadian, 3,000 ounces, Denver, Colo.

Uranium Nitrate, 450 ounces, Richmond, Va.

Urea, 23,687 ounces, Denver, Colo.

Zinc Chloride, 1,800 bottles, San Francisco, Calif.



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Oils, Fats, and Waxes

While trading in oils and fats was comparatively quiet during the week, firm conditions prevailed in the market. The tight supply situation continued to restrict business, especially for animal fats, including lard, tallow, grease and other animal oil derivates. Demand for grease and tallow far exceeded the supply and the scarcity may affect the production of soap of the small manufacturers. Prices of all oils and fats were strong and the few that have not reached ceiling levels were expected to do so before long.

Refined grades of menhaden and sardine oils were again advanced fractionally, reflecting the strength of crude oils which were in demand. Bids at the ceilings for crude fish oils were turned down by sellers.

Senate passed legislation December 13, reviving the Federal Crop Insurance in an amended measure, authorizing the spending of $30,000,000 to increase the 1945 flaxseed crop. Last week the house voted to expend $20,000,000 for the same purpose.

An easier tone developed in oiticica oil as the result of larger available stocks in the local market and offerings at lower prices from Brazil for delivery early next year. Prices declined fractionally for spot delivery. Consumers were showing little interest in offerings for nearby and forward requirements at prices slightly under the spot market quotation. Consumption of oiticica oil in the third quarter totaled 3,124,000 pounds, compared with 2,606,000 pounds of tung oil in the same period. The replacement of oiticica for tung oil in protective coatings formulations reflected the difference in price of tung oil, plus the uncertainty of obtaining linseed oil.

Cottonseed Oil

While trading in futures was limited a firm tone featured this market. Sales in September were made at the ceiling, 14.31c. per pound, which also was a new high for the season. Offerings for all positions continued scarce.

Ceiling prices for additional trading locations were announced December 15 by the Office of Price Administration. Ceilings for bleachable prime summer yellow cottonseed oil per pound, delivered in tankcars, are:—

Birmingham, Ala.	14.06c.
Detroit, Mich.	14.33c.
Dothan, Ala.	14.08c.
Enterprise, Ala.	14.10c.
Opelousas, La.	14.01c.
Wichita, Kan.	14.05c.

Prices have also been fixed for refined peanut oil delivered at the same locations at a differential of 33 points above bleachable summer yellow cottonseed oil.

Bleachable oil prices follow:—

	Cents per pound in tanks— High.	Low.	Close.
March	....	....	14.10 bid
May	....	....	14.31 bid
July	....	....	14.00-14.31
September	14.31	14.31	14.10-14.31
October	....	....	13.75-14.00

Total sales, 4 contracts.
Cash, 14.31c. nom.
Crude, Southeast, 12¾c.; Valley, 12¾c.; Texas, 12c. (all ceiling prices).

Memphis, Dec. 13.—Trading in cottonseed oil was restricted owing to mills sold far ahead. Demand was keen. Cottonseed meal continued in active request. Deliveries confined locally and to government set aside requirements.

Linseed Oil

Arrivals of close to 200,000 bushels of flaxseed from Canada were noted during the week in this market. Trading in linseed oil was confined to limited quantities and in some quarters sales were restricted to five drums and less. Prices were firm and unchanged. Consumers continued to take sizable lots against former contracts.

Minneapolis, Dec. 13.—Crushers were taking any flax available; however, shipments from the country continued to taper off. Seed houses were paying premiums for flax ranging to as much as 10c. over the ceiling price or $3.20 a bushel—plus dockage premiums.

Shipments of linseed oil, in pounds, were as follows:—

	1944	1943
This week	5,960,000	8,520,000
Since Sept. 1	77,180,000	85,820,000

Flaxseed—Market quiet. Crushers absorbed offerings promptly. Shipments from the country have slackened.

Minneapolis, Dec. 13.—Talk in Washington of a $3.50 minimum for flaxseed on farms for the 1945 crop caused cancellation of many cars purchased on a to-arrive basis, as it was estimated by a leading authority that the flax position as of December 15 among crushers in the Northwest would be less than it was on November 30, because of these cancellations.

Crop movement in bushels follows:—

	Receipts 1944	Receipts 1943	Shipments 1944	Shipments 1943
This week	238,000	301,000	45,000	81,000
Since Sept. 1	9,437,000	15,461,600	1,228,000	1,395,000

Flaxseed markets at Minneapolis and Duluth during the week were unchanged at $3.10 (ceiling) per bushel for spot and forward deliveries.

Buenos Aires, Dec. 15.—No flaxseed shipments from the Argentine were made during the past week. Visible supply was estimated at 4,724,000 bushels. Flaxseed for export was quoted at $2.26½ per bushel, U. S. funds; Rosario, $2.17⅜ per bushel.

Hull, Dec. 15.—Bombay, £31⅞, nominal; Calcutta, £30½, nominal; La Plata not quoted.

Other Vegetable Oils

Oiticica—Receipts totaling 880 tons and 100 drums were reported for delivery against former contracts. Trading was quiet during the week, with prices easier. Tankcars were quoted at 18½ to 18¾ cents per pound, for spot delivery, and drums from 19 cents to 20 cents per pound, same basis, according to quantity.

Olive Oil—Inquiry for Spanish edible oil was moderate. Limited offerings of oil in one-gallon tins, in cases, were available at approximately $5.75 per gallon, laid down for nearby shipment. Receipts of some 50,000 gallons were said to be imminent—for consignment against prior contracts.

Sunflowerseed—OPA announced a price ceiling on imported oil at 14 cents per pound, tankcars, delivered Opelousas, La., effective December 15, and also stated that this point has become a trading base for this oil.

Fats and Greases

Grease—Trading light and spasmodic owing to sold-up output. Consuming inquiry was active but offerings were scarce. Prices firm at ceilings.

Lard—Higher ceiling prices on lightweight live hogs have been made applicable to all weights of hogs except sows, stags and boars, the Office of Price Administration announced, and all live barrows and gilts will have a ceiling of $14.75 a hundredweight, Chicago basis, effective December 13. The ceilings on sows, stags and boars will be 75 cents per hundredweight under the ceilings established for barrows and gilts.

Tallow—Sales of tallow continued restricted because of the scarcity of supplies. Producers were sold well ahead resulting in the movement of occasional carlots. Prices were firm at ceilings.

Fish Oils

Menhaden Oil—Refined grades were advanced 2/5c. per pound. Light pressed in tankcars was increased to 11.60c. per pound and 12:40c. per pound in drums, less than car lots. Alkali and kettle-boiled were quoted at 13.40c. and 14.40c. per pound, in drums, less than car lots, respectively. Crude oil continued firm and bids at ceilings were turned down.

Sardine—Reflecting the firmness of crude oil, refined grades were boosted 2/5c. per pound. Trading has improved. Light pressed oil was quoted at 11.60c. per pound, tankcars, and 12.40c. per pound in drums, less than

Market Trends

Prices Advanced

Menhaden oil, ref., ⅗c. per lb.
Red oil, ½c. per lb.
Sardine oil, ref., ⅗c. per lb.

Prices Reduced

Oiticica oil, ½c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
192.9	192.4	191.9	195.3

For Current prices see alphabetical listing beginning on page 9.

car lots. Refined alkali was quoted at 13.40c. and kettle-boiled at 14.40c. per pound, in drums, less than car lots. Crude oil was firm. Last sales were reported at the ceiling, with additional bids unaccepted.

Fatty Acids

Red Oil—Buying interest continued active, but trading was quiet owing to the sold-up production. Market was firmer and advanced ½c. per pound for all grades.

Stearic Acid—Tight supply situation continued to hamper business. Consumers were showing an active inquiry for early next-year needs. Offerings were scarce. Prices strong at ceilings.

Cake and Meal

Cottonseed Meal—An urgent demand was noted for prompt and nearby delivery. Crushers in the southeast were sold ahead and unable to offer freely. Most sales were limited to delivery to southern points.

Linseed Meal—Minneapolis, Dec. 13.—Buyers were avid for supplies and modest offerings were snapped up. Liberal feeding of farm grown grains and necessity for supplementary protein keeps linseed meal the tightest feed on the list, despite the liberal supplies of soymeal that have appeared in the Northwest during the past month.

Shipments of linseed meal in pounds were as follows:—

	1944	1943
This week	12,180,000	11,400,000
Since Sept. 1	113,360,000	143,200,000

Waxes

Beeswax—Offerings for shipment from abroad were scarce and the market continued strong. African shippers were maintaining higher prices than ceiling.

Carnauba—Scarcity of offerings for shipment from Brazil has curtailed trading during the week. Consumers were in the market for nearby and forward shipment but few contracts were accepted owing to the delay in gathering the new crop. Receipts were reported at 786 bags, which were delivered on prior contracts.

Babassu Processing Plant Opened in Brazil

A new babassu processing plant has been opened at Kelru in the State of Maranhao, Brazil. Largely financed with Sao Paulo capital, the plant is located about 50 miles from the port of Sao Luiz. Facilities have been provided for the mechanical cracking of whole babassu nuts and automatic separation of the husk, mesocarp, endocarp, and kernels. The kernels are taken directly to the expellers, where the babassu oil is extracted. Various residue products are to be manufactured when the plant is in full operation.

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Culbertson in Columbia Post

Julian L. Culbertson, professor of chemical engineering at Washington State College, has been appointed visiting professor of chemical engineering at Columbia University for the academic year 1944-45.

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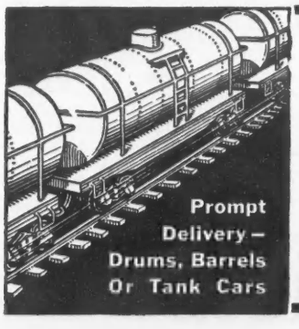
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Drugs and Fine Chemicals

Further advance in the price of quicksilver and continued decline in quotations on natural menthol featured price movements last week in the market for drugs and fine chemicals. In quicksilver, the rise was caused by continued scarcity of spot metal and the sold-up situation at the mines where production is kept down by insufficient manpower. The decline in menthol was the result of slow-moving stocks pressing for sale at a time when buyers are holding aloof in expectation of getting new crop at lower prices later on.

The War Food Administration issued a sugar report covering the first ten months of this year. The amount of sugar distributed for consumption in continental United States in that period was 5,978,016 short tons, raw value, compared with 5,358,029 short tons in 1943. Stocks on hand October 31 were 642,165 short tons, raw value, this year, against 1,141,311 short tons last year. Stocks of refined sugar, raw value, on October 31, 1944, were 76,465 short tons, comparing with 322,746 short tons on the same date, 1943. The conversion factor of refined to raw value is 1.068271, which is the ratio of meltings of raw sugar to refined sugar produced in 1942 and 1943. Another item in the sugar situation was the one-year extension of the International Sugar Agreement voted by the senate on December 6.

The law permitting use of government-owned silver bullion in the war program and certain essential civilian uses was extended by the house until December 31, 1945.

The War Production Board on December 14 ordered the allocation of alkyl amines (defining alkyl amines as dimethylamine and mono methylamine in any form and from whatever source) on a monthly, instead of quarterly, basis because of military requirements. The small order exemption was changed to 375 pounds per month of the 30 percent solution.

Acid, Ascorbic—Schedule 41 of order M-300 has been revoked. This removes allocation control from ascorbic acid which was in effect since December, 1942. WPB says controls are no longer necessary because additional facilities and improved production technique have increased the output substantially.

Acid, Citric—It appears likely that civilian consumers will be forced to get along with minor allotments of this acid during the coming year. The manufacturers' supplies of raw material will be under severe curtailment.

Acid, Thioglycollic—The real value of acid purchased depends on its purity. Even material rated 100 percent thioglycollic acid may contain impurities that affect its basic price as a market value. High purity material stands at $7.10 per pound, minimum for 100 percent goods, but there are 100 percent products of low purity that can be had around $4.50.

Adeps Lanae—This article is free from allocation but buyers have to certify that inventories do not exceed one month's requirements. Other than that, there are no restrictions on buyers' activities.

Alcohol—The War Production Board estimates 1944 alcohol production for 12 months at 575,000,000 gallons; actual production in 10 months was estimated at 492,000,000 gallons. Of the 1944 production, 64 percent was estimated to have been made from grain and 10 percent from other sources, including synthetic. The International Sugar Agreement has been extended another year, to end August 31, 1945, the result of an earlier meeting in London. The senate voted extension on December 6.

Atropine—Quotations on sulphate were reduced no further but the market was competitive and conditions were more favorable for buyers' operations than for sellers' maintenance of that minimum figure.

Ammonia Thioglycollate—A highly purified article testing 100 percent of active principal is priced at $7.10 per pound. Goods of lower purity range downward to around $4.50.

Castor Oil—Demand for medicinal oil was well up to reasonable expectations and deliveries were on a satisfactory basis. Stocks of beans gained to the extent of 10,472,250 pounds, bringing the total stock since January 1 to 265,829,390 pounds. The latter figure compares with 249,976,240 pounds for the corresponding period a year ago.

Chicago, Dec. 6.—Castor oil prices are:—Cold pressed, U.S.P., returnable drums, car lots, 13¾c. per pound; drums, less than car lots, 14½c.; tanks, 13c.; No. 3, extracted, returnable drums, car lots, 13½c. per pound; returnable drums, less than car lots, 14¼c.; tanks, 12¾c.

Codliver Oil—Iceland production continues to be divided between the United States and Great Britain and to this time the major requirements of this country have been met. At no time, however, has there been a surplus of supply and greatest care still must be exercised in effecting distribution. There is no definite reason, save that of "hope," to expect Norwegian output to be available to the United Nations in the first half of 1945.

Dimethylamine—The War Production Board on December 14 placed this item on monthly, instead of quarterly, allocation because of military requirements. Small order exemption was changed to 375 pounds per month of the 30 percent solution. The changes were effected by amending schedule 27 of order M-300.

Fishliver Oils—The War Food Administration on November 24 bought 5,600 pounds of vitamin A fishliver oil. Four lots were taken. One of 1,200 pounds cost 26½c. per million units; 2,000 pounds, 28½c.; 800 pounds and 1,600 pounds, at 30c. The business was placed at Seattle, Wash., and consisted of mixed natural oils.

San Francisco, Dec. 13.—The fishliver oils market here last week was extremely tight due to lack of supply and offerings. Very few livers are reaching here from Mexico, adding to the shortage.

Formaldehyde—October allocations were as follows:—Textiles, 441,000 pounds; dyes and intermediates, 191,000 pounds; rubber chemicals, 184,000 pounds; leather, 106,000 pounds; miscellaneous, 187,000 pounds; paper, 14,000 pounds; embalming fluid, 28,000 pounds; disinfectants and germicides, 14,000 pounds; photographic chemicals, 5,000 pounds; adhesives, 40,000 pounds; drugs and pharmaceuticals, 20,000 pounds; and protective coatings, 22,000 pounds.

Glycerin—Plentiful stocks and eager sellers graced the market for glycerin last week, and despite the fact that there has been a normal year-end recession in buying for the account of some consumers, still trade was very good on the whole. Reserves were generally at excellent levels and production conditions forecast maintenance of that satisfactory position.

Chicago, Dec. 13.—Glycerin prices are:—Chemically pure, tankcars, 15c. per pound; drums, car lots, 15½c.; drums, less than car lots, 15¾c.; high gravity, tanks, 14¼c. per pound; drums, car lots, 14½c.; drums, less than car lots, 15c.

Menthol—Selling pressure was quite pronounced in this market and prices quoted at $13.25 to $13.50 per pound for spot deliveries were none too steady. Stocks gained by 46 cases during the week, being old-crop goods which came to a market already well stocked with rather slow-moving material. The major interest of buyer and seller alike centers on the 1945 crop which should soon begin to accumulate in Brazil. The feeling now is that Brazil will sell in 1945 at prices lower than in 1944.

Mercurials—Because scarcity of quicksilver kept prices rising for that article, the position of derived products gained in strength to that extent but not sufficiently to support a generally higher level of prices on mercurials. Competition in those materials was quite active.

Molasses—The Defense Supplies Corporation was reported to have offered the Puerto Ricanan producers

Market Trends

Prices Advanced

Quicksilver, $2 per flask.

Prices Reduced

Menthol, 25c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
229.6	230. 3	236.0	240.9

For Current prices see alphabetical listing beginning on page 9.

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of the 1945 crop of blackstrap molasses 13.6c. per gallon at the mills. An escalator clause guarantees Puerto Rica a rise in price corresponding to any higher prices offered Cuba, Haiti, or San Domingo, in addition to ⅜c. per gallon additional for the material delivered to shipside. Puerto Ricanan production in 1944 is expected to be between 42,000,000 gallons and 43,000,000 gallons, compared with 1943 production of 28,500,000 gallons.

Monomethylamine—The War Production Board on December 14 placed this item on monthly instead of quarterly allocation because of military requirements. The small order exemption was changed to 375 pounds per month of the 30 percent solution. The changes were effected by amending schedule 27 of order M-300.

Niacin—On November 24, the War Food Administration purchased 22,500 kilos of this material at the special price of $6.50 per kilo. The producers' schedule for civilian sales still begins at $7.

Quicksilver—Scarcity pinched the spot market tightly and at $127 per flask the market was called entirely nominal because of an almost total lack of large quantities for immediate delivery. About the only business possible was that for metal to be produced in the future and such transactions involved rather distant material.

San Francisco, Dec. 13.—Quicksilver prices took another jump this week, with some sales being made at between $120 and $123 per flask, f.o.b. San Francisco. Very little spot metal is being offered. December production is down, and some plants have closed. Also there is a serious manpower shortage in some plants.

Trichloroethylene—Consumers who have ordered, or expect to order, 10,000 pounds or more of trichloroethylene for delivery during January, 1945, must file a one-time report of consumption of the chemical during September, October and November of 1944.

C.N. Angst Honored

Carl N. Angst, president of Pitman-Moore Company Division of the Allied Laboratories, Inc., Indianapolis, was honored recently at a surprise dinner attended by more than 300 employees on the occasion of his forty years with the organization.

Blood Plasma Release To Civilians Advocated

OPD Washington Bureau

Surplus supplies of blood plasma now held by the Public Health Service for use in the cast of civilian casualties resulting from enemy action or sabotage activities in the United States and its territories would be made available to the States for local use on patients receiving Federal medical care under the terms of a bill (S.J.Res. 148) reported to the senate December 14 by the labor committee.

Because the present law restricts the use of the plasma to civilian casualties resulting from enemy action or sabotage, the Public Health Service has accumulated a supply of 49,850 units of dried human blood plasma and 29,200 units of frozen human blood plasma for which it has no need. This plasma is now in danger of becoming spoiled, the committee was informed, and steps should be taken immediately to provide for its use under more general terms. The bill permits its use on patients irrespective of whether they are casualties resulting from enemy action or sabotage.

Continental Can Names Production Planning Manager

L. H. Skougor has been appointed general manager of the production planning department of the Continental Can Company, New York. Mr. Skougor was formerly manager of the company's plant in Jersey City.

Brown Gets Ad Post With Rubberset Co.

Elon R. Brown has been appointed advertising manager in charge of the advertising and sales promotion activities of the Rubberset Company, manufacturer of paint and shaving brushes, and the William Peterman line of insecticides, Newark, N. J.

Frankfurter Back from L.A.

Otto Frankfurter, of the Heyden Chemical Corporation, returned to New York November 27 after a ninety-two-day business trip during which he visited all twenty of the Latin American republics and Puerto Rico. Together with his company's distributors, Mr. Frankfurter called on all wholesale druggists, the larger pharmacists, and industrial laboratories in the regions covered by his trip.

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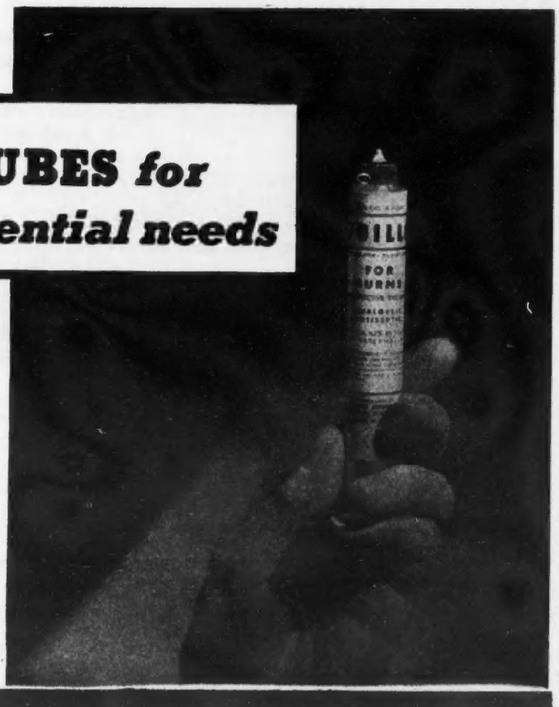
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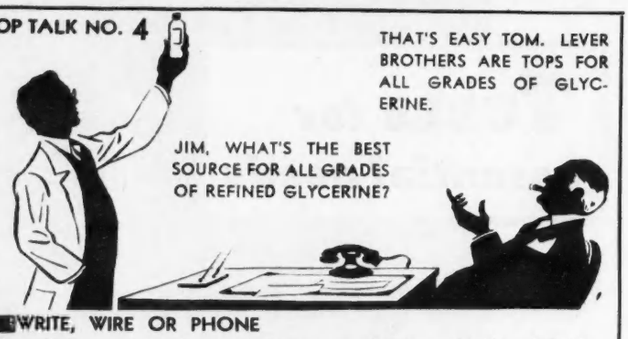
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MANUFACTURING CHEMISTS

A.P.M.A. Meeting

—Continued from page 7

that, of the more than two score of recognized and available compounds, less than half have a demonstrable essentialness in connection with growth, productivity and general functioning of animals. Deficiencies of one are often corrected by an excess of another amino acid and some which have been regarded as essential are not so proved by such experimentation as has been developed. Deficiencies with respect to specific compounds and to different individuals still offer problems.

It was Dr. Rose's opinion that selective administration of amino acids would prove successful in combatting almost if not quite all symptoms of malnutrition and that the gradually developing knowledge of their values would be beneficial to the human race.

In a discussion of the progress made in the combatting of virus diseases, Dr. R. M. Stanley, of the Rockefeller Institute, noted the peculiar nature of viruses, intermediate between and bridging the molecules of the chemist and the organisms of the bacteriologist. This makes their conquest difficult, and restricts its study largely to empirical methods, as it was in the development of smallpox vaccination and yellow fever immunization. The progress through hog cholera, fowl pox, laryngotracheitis, and ovine ecthyma was traced along similar lines, emphasis being laid on the usefulness of quarantines.

Promising results are being reported in the combatting of influenza, and the development of an efficacious vaccine is expactable. The public, said Dr. Stanley, should insist that the attack on viruses be pushed with all the vigor applied to the routing of visible enemies. Research, he declared, proffered the way.

The twelve leading drug houses added some 400 preparations to their catalogs during the past three years, said Dr. Austin Smith, of the American Medical Association council on pharmacy and chemistry; but not all of these were new discoveries. Original research, however, contributed most to the growth of these concerns; it should get two or three times as much financial recognition. How to organize and train a research staff was told by the speaker, and the necessity for full collaboration of the merchandising heads was stressed, especially in interest and understanding. Dr. Smith's message had this tenor:—

It is my firm belief that one of the most effective means of maintaining free enterprise is through unrestricted research and that if this research is properly conducted and the results fruitful, public opinion alone will bear great weight in determining who shall control research—those who have been making a study of it for a lifetime, or those who previously have had no personal acquaintance with the subject, but become entitled by law to engulf activities to satisfy personal greed. Pharmaceutical manufacturers have been strong leaders in the past; let them now become comparative giants.

Postwar Antitrust View

The fundamental significance of the Sherman antitrust law in the postwar period was comprehensively outlined by Charles Wesley Dunn, general counsel for the association, preceded by a summary of the genesis and application of the act and its companion statutes. He stated the policy succinctly:—The national economy shall be a free and fair and competitive one, and for this the act is a national charter. Broadly speaking, it will neither be repealed nor weakened in the postwar period.

The impacts on the antitrust act of the patent, trademark, and copyright laws and the influences of the "fair trade" laws and the exemption of labor unions were discussed, and the relation of the export association act was noted. Mr. Dunn also spoke of the effects of sporadic enforcement on the efficiency of the antitrust act with respect of its purposes. Still, its scope is broad, covering divestiture, cartels, patent pooling, and association and similar cooperation as in the A.M.A. and A.P. cases.

Following his summation of the apparently conflicting influences of the antitrust act, Mr. Dunn urged the creation of a special Federal court to adjudicate antitrust matters. His presentation was as follows:—

Therefore industry approaches the Sherman act with a mixed feeling. For, on the one hand, it must approve the general policy of this act, under which it enjoys basic trade freedom: the freedom individually to make and sell its own products, to fix its own prices, to select its own customers, and to grow according to its own success. But, on the other hand, industry has sound reason to view this act with concern, and has just ground for specific complaint against it. As to such concern, it arises from the fact that this act confers a vast bureaucratic power to regulate business and bypass Congress in doing so; and that it can be criminally enforced to exact drastic and excessive consent de-

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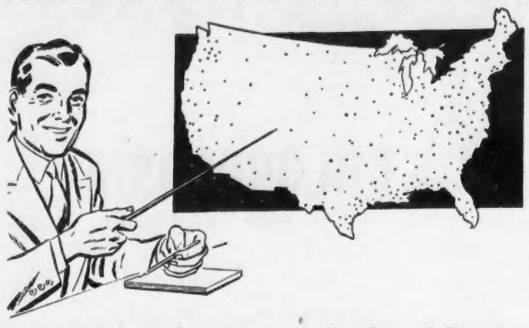

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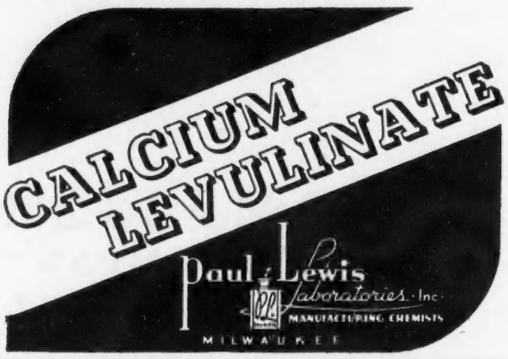

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Paterson: ARmory 4-4422 New York: PEnnsylvania 6-2626

crees. As to such complaint, it is principally five-fold. The first complaint is that labor unions are unjustly exempted from this act. The second complaint is that this act does not permit small business to take concerted action, which is necessary to meet the competition of big business. The third complaint is that this act does not permit any business to take concerted action, which is actually reasonable and constructive and beneficial to the public. The fourth complaint is that this act is drawn in such broad language that it presents an uncertain and dangerous compliance problem, which is unfair and a deterrent to business. The fifth complaint is that this act does not receive an expert economic enforcement, directed to build the best state of our national economy.

If all this is so then remedial action is indicated; and such action may well take the form of legislation to implement the Sherman act. Legislation (a) which creates a Federal trade court to adjudge cases under this act, in the first instance and subject to review by the supreme court; (b) which provides for an expert economic adjustment of this act, governed by the rule of public interest; and (c) which prescribes sound, just and balanced standards for the enforcement of this act and authorizes advance administrative opinions on its practical application. There is authoritative precedent for such a special court; and it would likewise adjudge other antitrust cases. If it is sound public policy to create a Federal Trade Commission to administer the supplemental antitrust law, then it is equally sound public policy to create a Federal trade court to enforce the basic antitrust law. I add: it has been suggested that the administration of this law should be consolidated in the Federal Trade Commission, to secure a unified application of the whole Federal antitrust law.

Status of Drug Supplies

A summary of conditions in respect of supplies of drugs was given by Fred J. Stock, chief of the drugs and cosmetics branch of the WPB Chemicals Bureau. After pointing out the improvement in materials in the field of containers and the handicapping effects of inadequate manpower, Mr. Stock told how the alcohol situation has improved, glycerin has become ample, but sugar has got into an acute situation, mitigated somewhat by the plentifulness of corn "sweeteners."

Penicillin was treated at length by Mr. Stock, who said 1944 production would be 1,600,000,000,000 units—it was 21,000,000,000 units in 1943. The January, 1945, quota is 300,000,000,000 units. The average potency of penicillin has been increased from 100 or 200 units per milligram to above 350 units, and some lots run as high as 800 units or even 1,000 units per milligram. Releases for civilian use now run around 30,000,000,000 units a month and he believed that every case requiring penicillin is getting it.

With reference to other drugs Mr. Stock said:—

Sulfa drug production, which set an all-time high of approximately 9,000,000 pounds in 1943, was not maintained this high rate in 1944. Production in the first nine months was approximately 3,000,000 pounds. If I may digress for a moment, I recall that the first time I talked to you three years ago, I urged you to buy on a normal basis—generally, the cooperation has been good—but the sulfa drugs are a good example of "panic buying." In the Fall of 1942, the army ulaced sizable contracts for certain sulfa drugs. Rumors were current and everyone rushed in. The situation became uncomfortably tight and we had to do some scheduling. As supplies became available, a number of companies over-bought their needs. We then experienced a decrease in production due to lack of demand. I urge you to keep adequate stocks, but do not overbuy if you should hear the government is going to procure large quantities.

Atrabine quinacrine) is in ample supply. Requirements have decreased and it has been necessary to reduce production.

Totaquine is subject to allocation, but we are granting requests in full for domestic and export antimalarial use.

Limited quantities of quinine hydrochloride are allocated for ampuls for antimalarial use.

Agar supplies are good and all restrictions have been removed.

Belladonna, ergot, atropine, and hyoscine which were in short supply are now ample.

Citric acid has been allocated on a 55 percent basis for the fourth quarter. Due to heavy quartermaster demands not much, if any, relief can be expected in the near future.

Bismuth salts are available for pharmaceutical use.

The thiamine hydrochloride and riboflavin orders have been revoked, which indicates ample supplies. Ascorbic acid production will permit adequate quantities for pharmaceuticals. Nicotinic acid supplies have increased and we are again allocating the acid for pharmaceutical use. The nicotinamide situation is better. Vitamin A is more available than it was expected to be some months ago. Imports of vitamin A have been encouraging.

Synthetic camphor has recently been placed under allocation as schedule 75 of order M-300. We have been assured that ample supplies will be made available for medicinal use. Allocations will be made to your suppliers. You need not file a form—merely certify your use on your purchase order.

While it may seem that the successful progress of the war should mean more materials for civilian production, this is not true with respect to some items where the increasing pace of our military activities has placed heavy demands upon materials and supplies. Sodium perborate, sodium cyanide, and other materials produced from sodium metal; hydrogen peroxide and all peroxygen chemicals which have been in short supply during the past twelve months will be even more restricted in 1945 due to increased military use. The shortage of benzaldehyde is likely to be reflected in a tight supply of several synthetic medicinals. Benzyl benzoate is critical and other shortages may develop as unexpected military needs must be met promptly. It will be necessary to scrutinize these and many other basic raw materials such as ammonia, sulphuric acid, toluene, benzene, phthalic anhydride. On our part, we will carefully plan to meet your requirements but your cooperation in normal, scheduled purchases will be most helpful.

Roche Launches War Loan Drive

Employees of Hoffmann-La Roche, Inc., pharmaceutical and vitamin manufacturer, Nutley, N. J., inaugurated its Sixth War Loan Campaign with an impressive rally at Roche Park, home of the company. At the end of the first week of the drive, 72 percent of Roche employees subscribed, and 48 percent of the $180,400 quota has been collected in cash.

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Fertilizer Materials

WPB reported that the estimated supply of potash available for fertilizer, including Hawaii and Puerto Rico, for April and May of 1945 will be approximately 70,000 tons, compared with an earlier estimate of 91,000 tons. The total supply indicated for agriculture in 1944-1945 is approximately 712,000 tons of potash. An earlier estimate had indicated that the requirement for 725,000 tons of potash presented by the War Food Administration would be met. More detail on this subject will be found elsewhere in this issue. In regard to the discussion of removing government controls from potash, the producers advisory committee concluded that it would be advisable to continue allocation to fertilizer manufacturers until the supply is sufficient to meet all essential requirements. It was their recommendation, however, that all government controls be removed from potash when the supply is adequate to meet demands.

Producers and importers of ammonia sulphate and other nitrogen compounds have been advised by WPB that in order that approvals may be had in time for the scheduling of January shipments, requests for such tonnage to cover orders on hand and desirable to ship may be submitted as in the past on form 1148. Should a new order become effective before shipments have been made, the approvals granted for January may be completed under that authorization.

While the movement of mixed fertilizers has not been up to expectations in some of the Southern areas, a decided improvement in shipments to farms has been reported in the Northern sections.

Nitrogenates

Ammonia Sulphate—Shipments held close to the seasonal average with production slightly higher than a month ago. Mixers are reported to have fair inventories in this section and are in a comfortable position to supply the farm demand, which has shown an expanding tendency since the turn of the month.

Bone Meal—Some additional sales of raw bone meal were reported at former price levels for fertilizer use. Demand for the feeding grade continued along moderate lines with sellers refusing to force business at the expense of prices. War Food Administration purchased 100 tons of bone meal in new burlaps at $2.461 per cwt., Long Island City, on November 30.

Castor Pomace—Only limited trading in odd lots was reported. Production heavily sold on contract and this has placed a limit upon the extent of new business. Inquiries continued to reach the market in fair volume.

Dried Blood — Occasional car lots have been purchased for fertilizer use, but the principal demand was confined to feeders. Supply reported moderate with no evidence of pressure.

Soda Nitrate—Allocated shipments have taken care of available material, leaving the market in the same tight position. No relaxation in demand could be noted and it was reported that a lot more material could have been used if made available.

Fertilizer Tag Sales: November

	Equivalent tons — November 1944	November 1943	Jan.-Nov., 1944
Virginia	25,479	13,350	475,125
North Carolina	106,068	77,631	1,220,372
South Carolina	52,900	58,680	710,693
Georgia	51,106	59,240	971,569
Florida	104,424	102,480	811,079
Alabama	32,000	54,250	620,350
Mississippi	50,310	29,831	387,874
Tennessee	12,699	7,219	260,070
Arkansas	11,000	8,960	121,583
Louisiana	8,150	9,900	211,445
Texas	22,910	8,250	191,953
Oklahoma	2,750	900	20,101
Total South	479,796	430,691	6,008,214
Indiana	90,707	12,290	430,150
Illinois	10,050	14,886	163,140
Kentucky	8,028	4,681	237,737
Missouri	85	156	135,086
Kansas	75	.....	37,771
Total Midwest	108,945	32,013	1,003,884
Grand total	588,741	462,704	7,012,098

Market Trends

Prices Advanced

None

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
71.8	71.8	71.8	71.8

Phosphates

Phosphate Rock—An adequate supply above ground has allowed the continuance of prompt shipments from mines. The enlisting of foreign labor has tended to neutralize the decrease in manpower shortage occasioned by the seasonal migration of domestic labor to the citrus groves. Acidulators have taken all the rock they can handle under present conditions, the production of superphosphate for the first ten months of this year showing an increase of about 9 percent over that of 1943 for the same period.

Superphosphate — Bureau of the Census reported stocks on hand at the beginning of the month as 783,274 tons of 18 percent a-p-a. October production was 553,525 tons. Other inventories were 8,783 tons, making a total supply of 1,344,764 tons. Total disposition was 547,452 tons, leaving stocks on hand at the end of October at 797,312 tons. On September 30, the supply was 783,274 tons. Stocks of concentrated 45 percent on October 31 were 28,055 tons, compared with 31,808 tons on September 30.

Potashes

Program for conversion of potash chloride to potash sulphate in the RFC plant has been interrupted by a breakdown. Investigations are under way to develop the possibility of continuing the conversion program by some other means. WPB pointed out that there is no assurance that it can be continued and emphasized that in any event conversion cannot be resumed perhaps for several weeks. The program was initiated in November for the purpose of supplementing the supply of potash sulphate, particularly in the tobacco producing areas.

Sulphur and Pyrites

Heavy distribution of sulphur in response to an unusually heavy industrial demand has been the salient feature to this market. Steady production and ample supplies at mining points have facilitated the general movement. So far, production and distribution have not been aggravated to any unusual extent by either manpower or transportation shortages. Activity in Spanish pyrites has continued irregular with demand sufficient to take material whenever available.

Markets at Other Centers

Atlanta, Dec. 13.—Southern fertilizer manufacturers are reported not as far advanced in the production of fertilizers for Spring use as they were this time last year. This is attributed to labor shortage, scarcity of some materials and failure of farmers to order as early as last year. Among the materials, organic ammoniates are reported scarcest thus far, with prospects of a growing shortage of other ammoniates. A tapering off of supplies of superphosphate to be most keenly felt later is also anticipated.

Baltimore, Dec. 15.—Activity limited in fishmeal, with sales confined mostly to small lots which farmers are hauling away in their trucks and paying ceiling prices. An active demand has continued for superphosphate. Plants are not running at capacity on account of the manpower shortage. No new developments have been heard about placing this material under allocation.

Chicago, Dec. 15.—Fairly good call was noted for nitrogenous fertilizer materials, while supplies were not overly large and suppliers were looking for even more stringency in supply because of bad weather for livestock receipts. There was interest in various organic products. Offerings were not at all burdensome to the general market situation. Bone materials were quoted:—Ground, steamed bone, 3 and 50 percent, $55 to $36 per ton; cattle jaws, skulls and high prices for dried blood, tankage, etc., have forced fertilizer manufacturers to use substitutes.

For Current prices see alphabetical listing beginning on page 9.

Textile and Leather Chemicals

Factors in quebracho extract have requested the Office of Price Administration to increase the price ceiling of extract fractionally because of the steadily mounting manufacturing costs during the past four years. The last price increase was made in January, 1941. OPA has agreed to consider the request and because of the critical situation in the tanning industry owing to the low inventory of supplies of extract held by tanners, it is felt in many quarters that an early decision may be expected. It was reported that quotas for export which have held up offerings for shipment from the Argentine for some time are expected to be made available during the latter part of this month. Tanners continued to manifest an active interest in replacements during the week. Inventories of extract held by tanners have been steadily declining and were said to be down to approximately a four months' supply, against the customary stocks covering a year's requirements.

Most of the other imported tanstuffs were in limited supply at producing centers, especially wattle extract, said to be the scarcest natural tanning material. Production of bark and extract has been affected by the manpower shortage and inclement weather to the extent that offerings for shipment from Africa received of late have been restricted to the second quarter of 1945.

Import permits for leather products under General Imports Order M-63, that have been granted on the basis of purchases prior to May 17, 1944, will not be extended beyond January 31, 1945, the War Production Board announced December 12.

Chemicals

Alumina Chloride — Moderate lots were moving spasmodically against contracts. While the output was not large, it was sufficient to meet current requirements. Prices were well held.

Alumina Formate—Users were taking fair-sized lots for immediate needs. Quotations were steady for 19-20 degrees Baume solution at 9½c. per pound, barrels, car lots, and ½c. higher for less than car lots.

Bichromates—The bulk of production continued to be taken as allocated. The market was firm and unchanged. Business for next year delivery was accepted at current prices.

Soda Formic—Demand was moderate, with production affected by the limited supply of oxalic acid. Tanners were absorbing fair-sized quantities for immediate delivery. Market was firm.

Soda Hydrosulphite—Spasmodic demand continued for actual and prompt needs. Prices were steady.

Dyestuffs

Annatto — Demand was inactive. Supplies on the spot were light and closely held at current levels.

Fustic—Consumers were taking moderate quantities for prompt delivery. Supplies were not heavy but adequate to cover demand.

Hypernic — Hand-to-mouth buying was noted for spot delivery. Prices were steady and unchanged.

Sizing Materials

Albumen, Egg—Supply situation has become tighter. Supplies were smaller and offerings were restricted to small lots. Prices were advanced for granular ranging from $2.02 to $2.05 per pound, barrels, depending upon quantity and seller. Powder also was firmer and was held 5 cents above granular. Inside prices were still below but were closer to ceilings than at any time during the past two months.

Egg Yolk—Conditions developed a firmer trend as the result of reduced supplies. Prices were advanced 3c. per pound and quoted from $1.12 to $1.15 per pound in barrels, according to quantity. Offerings were scarce and in some instances restricted to regular customers.

Starch, Corn—Demand continued slow and mainly for small lots for immediate needs. Prices, however, were steady and unchanged. Withdrawals against contracts were fairly active. The corn grind of eleven refiners of starches, syrups, sugars and other derivatives of corn for November totaled 10,558,370 bushels as compared with 10,650,206 bushels a year ago. Visible corn supply decreased 751,000 bushels for the week ended December 9, totaling 13,688,000 bushels against 11,554,000 bushels for the same time last year.

Starch, Potato—Tight supply situation has become more pronounced, with the result that offerings were restricted to less than carlots and to an occasional carlot when available. Prices were strong at ceilings.

Starch, Sweet Potato—Production in some sections in the South has ceased, according to advices. A new mill was expected to start operations during the early part of next year. Due to sold-up production, offerings were unavailable and the market entirely nominal.

Tapioca Flour—Receipts were reported at 5,260 bags, which were delivered to consumers and not available for resale. Supplies on the spot were nil and the market was strong and nominal. Reports from Brazil were to the effect that stocks there were being sold locally at higher prices than OPA import ceilings.

Tanning Materials

Divi-Divi—Buying interest was active, but trading continued dull because of the scarcity of available supplies for shipment from primary centers. Market was firm and unchanged.

Mangrove Bark—Receipts were reported totaling 13,400 bags of bark, which were consigned to consumers against contracts booked about six months ago. Interest in shipments was slow, though offerings from East Africa were more liberal of late. Prices were steady and unchanged.

Myrobalans — Inquiry from users was light during the week. The market, however, continued steady in the absence of sizable offerings at producing points. Quotations for shipment were firm and unchanged.

Quebracho—Sellers of extract have asked the Office of Price Administration to increase the price ¾c. per pound because of the steady increase in production costs during the past four years. The last markup in price was made in January, 1941. OPA has agreed to consider the request and in view of the critical situation in the tanning industry owing to the low supply of extract held by tanners, it is felt that an early decision may be expected. It was reported that export quotas which have held up offerings for shipment from the Argentine of late are expected to be available during the latter part of this month. Tanners were showing an active inquiry for replacements, in view of the steady reduction of inventories to about a four-month supply. Quotations were firm.

Tara Powder — This market was quiet. Users were said to be well supplied with material for prompt and nearby needs and were showing little interest in additional commitments. Prices were nominal at about $120 per ton, New York delivery.

Wattle Bark—Scarcity of bark at producing centers continued to restrict trading. No bark was available in South Africa, according to cable advices, while moderate lots were offered for future shipment from East Africa. Extract has become scarcer because of manpower shortage and offerings for shipment to this country were confined to the second quarter of 1945. Buyers were showing an active inquiry. Receipts of wattle bark were reported at 6,640 bales and extract, 11,750 bags, consigned to users against prior contracts.

Market Trends

Prices Advanced

Albumen, egg, 2c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
283.4	283.2	283.2	271.1

For Current prices see alphabetical listing beginning on page 9.

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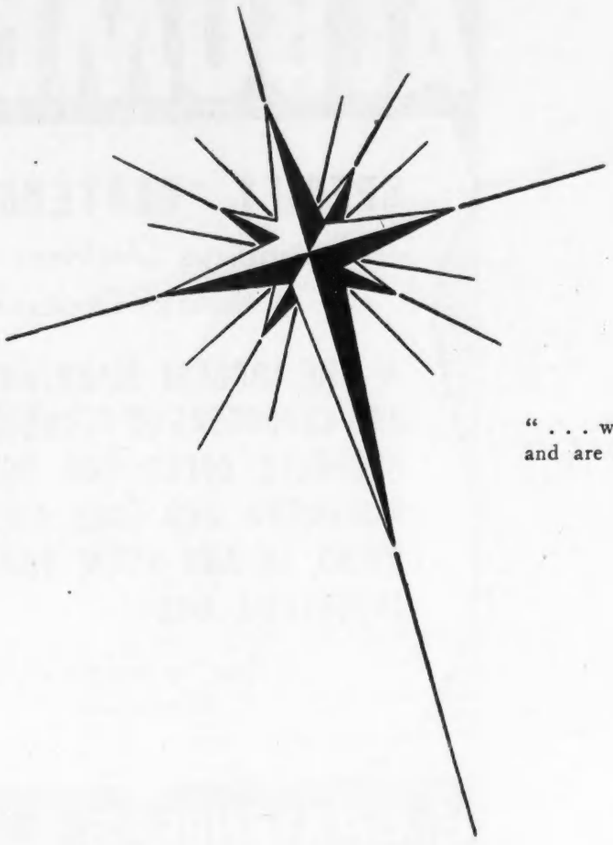

"... we have seen his star in the east, and are come to worship him."
Matthew 2:2

In these historic days, it is heartening to realize that "the everlasting light" cannot be quenched by any boast of power . . . that the glory of Christmas must always reassure mankind.

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Botanical Drugs, Spices, Gums

The most spectacular price feature last week in the market for botanicals was the sharp drop in prices on Bourbon vanilla beans, the result of the appearance of just over 2,000 cases in the local market. Downward revisions were noted in a number of medicinal botanical drugs, the same being readjustments of spot prices to a basis in line with what was paid for replacements in the primary market. Condimental botanicals were less noted for activity than they usually are but most of the revisions were upward.

A study of orders received during the period indicated that a very thin improvement in request had developed. Also, sales were, in some quarters, a shaving larger than those normally to be expected during the last two weeks in any year. However, it was admitted that a high-power microscope had to be used to find the gain and its influence on the overall market position was nil.

Botanical drug dealers look into the coming year with somewhat mixed feelings. There is reason to believe that seasonal articles will show a rise in demand shortly after the turn of the year and the facts in hand suggest that such demand could become rather substantial in size. Because stocks of most materials are moderate to very small, substantial expansion in request would find prices rather sensitive. To this may be added the fair prospect for demand to cover Spring and early Summer requirements.

Along with these feelings go rumination regarding the reestablishment of botanical drug exports from Europe. Admitted that the war is far from its end, it is not unreasonable to expect European victory in 1945 and offerings of European collections may be made. The fact is that few here are closing their thoughts to the possibility of a flood of low-priced European botanicals coming on the foreign markets.

British reports state that import licenses will be recommended for limited quantities of black haw bark of root or tree, damiana leaves, cocilana bark, aconite root, and cascarilla bark.

Market Trends

Prices Advanced

Drugs

Cassia fistula, 3c. per lb.
Fir, balsam, Canadian, 75c. per gal.

Other Articles

Anise, Cyprus, ½c. per lb.
Celery seed, ¼c. per lb.
Clove, Zanzibar, futures, 1¼c. per lb.
Nutmeg, West Indian, ¼c. per lb.
Pimento, Jamaica, 1¼c. per lb.

Prices Reduced

Drugs

Aletris root, 10c. per lb.
Althea root, N.F., peeled, 5c. per lb.
Cramp bark, N.F., 5c. per lb.
Liverwort leaves, 10c. per lb.
Yellow dock root, 3c. per lb.

Other Articles

Anise, Syrian, ½c. per lb.
Marjoram, Chilean, 3c. per lb.
Vanilla beans, Bourbon, $2.25 per lb.

Comparative Price Indexes

Botanical Drugs

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
241.5	242.6	244.5	262.8

Balsams

Peru—Stocks were reported becoming smaller too fast and a strengthening of the entire market position is in the making.

Tolu—Reserves unsold on this market have shrunken until they seem to be comparatively small. A firmer market prevails.

Barks

Cocilana — Seasonal interest was very good notwithstanding the fact that year-end slowness prevails locally in the botanical market as a whole.

Cramp — Although the market is slightly lower, under a readjustment of spot to primary market costs, the position is still one of firmness based on available supply. The market was 75c. to 80c. per pound.

Prickly Ash—N.F. quality bark is quoted at 23c. to 25c. per pound and not subject to much demand at this time.

Beans

Vanilla — Bourbon beans in the amount of 2,045 cases have reached this country and deliveries against existing contracts are being made at the range of $7.75 to $8.50 per pound, according to quality. Local statements indicated that the receipts of importers—being replacements of goods lost at sea—have been but a percentage of the replacement beans bought in the primary market. The proportion of top-quality beans runs comparatively low—nowhere near the usual 50 percent of firsts formerly a part of every contract with the source of supply. Practically nothing will be available for new orders. Reports indicate that substantial quantities were sold in the islands to France. Also, the new-crop outlook is not fovarable as to quantity. The consensus is that prime qualities of Bourbons are bound to be short, but a fair supply of ordinary beans may be expected in the future.

Berries

Juniper—Large quantities of Russian berries added to local stocks in recent weeks are understood to have been well spoken for by numerous manufacturing consumers. The call for domestic berries seems likely to be affected.

Raspberries — Not called for very often last week but sold in limited quantities at very steady prices.

Flowers

Clover—Moderate reserves came in for a slight gain in jobbing demand and they moved at very firm prices last week.

Poppy—'Tis said that there is a remote prospect of getting some replacement red flowers from the primary market to the spot. Not much remains on spot now.

Saffron—Mexican flowers were sold last week under keenly competitive conditions at $1.20 per pound, following which some quarters took the position that the market was nominal. Spanish flowers were normal, definitely, since stocks of small size were valued only when orders were firm and in hand; and values were likely to be higher than the nominally quoted price.

Gums

Arabic—Sales outlets were few and small in size last week, needs being restricted to jobbing inquiries that did not always result in orders. Prices held unchanged.

Benzoin—One fair-sized order for Sumatra gum was filled by a wholesale house securing small quantities from retail drug stores who stock the article for making tincture.

Mastic—Though the primary market is occupied by British troops, no gum has yet left there for here. Locally, the market is bare of supplies.

Herbs and Leaves

Belladonna—Holding firm although demand has become seasonally dull. Sellers show considerable reserve. None want to be caught long of stock when Europe ships again.

Liverwort — The spot market was lowered to 85c. to 90c. per pound and the underpinning of the market seemed to be one of slightly more competition.

Marjoram—Chilean material to come forward was offered at a sharp decline and the spot quotation was dropped to 25c. to 26c. per pound. California herb remained steady.

Miscellaneous

Cassia Fistula—The market was 26c. to 28c. per pound, and some quarters say they have stocks in plenty at that slightly higher figure. One quarter continues to quote 40c.

Corn Silk—Sellers are looking forward to the eventual replacing of stocks through purchases in the usual

For Current prices see alphabetical listing beginning on page 9.

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primary market in Europe. Getting the stuff collected here is a real chore.

Papain—Powder held at unchanged prices and the recently firmer undertone continued to be in evidence. Much less than the recent amount of competition was reported.

Roots

Aletris—Spot offerings were made at the lower price of $2.40 to $2.50 per pound, but the unsold stocks were not substantial and little remains in the primary market.

Althea—Strictly U.S.P., peeled, root was available at the moderate decline to 55c. to 60c. per pound, and a fair-sized holding was in hand.

Doggrass—Imported cut root was higher at 52c. to 55c. per pound and one quarter recently called the market $1. The domestic article remained quiet at 30c. to 35c. per pound, though some hold for around 50c.

Helonias—Offered in small quantities from stocks of restricted size, the price being $2.50 to $2.55 per pound without any buyers being in the market last week.

Yellow Dock—Replacement costs made possible a shading of spot quotations to the basis of 35c. to 36c. per pound.

Seeds

Anise—Cyprus material was a fraction higher at 29c. to 30c. per pound, and Syrian was offered lower at 20c. to 21c., also an advance.

Celery—A fractional advance set the market at 17¾c. to 18¼c. per pound, but there was not a deal of support to the new position.

Fenugreek—A few still cherish the hope of the government agencies getting Moroccan seed started to this country. Scarcity here at present would make for a lively market.

Mustard—Primary market holders of domestic yellow seed strengthened their views considerably and turned away business submitted at shaded prices.

Spices

Cinnamon—Most of the merchandise in hand is destined to fill replacements

—Continued on page 70

Washington Talks It Over

—Continued from page 5

they keep supplies of nicotine in areas where it is thought it might be needed until it is determined that it is not needed in that particular area. The stocks then are moved to other areas where a demand for supplies is expected to arise.

Because supplies are expected to continue tight, everyone is being urged by WPB to use extreme conservation methods of his own to stretch them out. The use of substitutes is urged.

Colgate-Palmolive-Peet To Pay Employees Bonus

Colgate - Palmolive - Peet Company, Jersey City, has announced that the directors of the company had voted to pay a week's salary to all office and factory employees in the employ of the company on December 1, 1944, who are not on a regular commission or bonus plan and who had worked the equivalent of twelve months during the eighteen months immediately preceding December 1, 1944. Mr. Little also announced that the bonus would apply, for the third year in succession, to all employees in the Armed Service of the country who had worked for that length of time immediately preceding entry into the service.

Upjohn Shifts Personnel

W. E. Broadbent, who for twenty years has served as office manager at the New York branch of The Upjohn Company, pharmaceutical manufacturer, Kalamazoo, Mich., has relinquished that post. However, he will remain as associate office manager, with F. L. Tritle, jr., succeeding Mr. Broadbent as office manager. Fernen E. Fox has been named to succeed Mr. Tritle as sales manager at Minneapolis.

Collins Joins General Aniline

Morgan Collins, formerly with P. R. Mallory & Co., has been appointed assistant to the president of the General Aniline & Film Corporation, New York.

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CRUDE DRUGS

Another Wartime American Army At

Merry Christmas

Christmas night, 1776, and at Trenton, N. J., British-hired Hessian troops made merry in German fashion—filled with food and drink, warm, and singing boisterously. Across the Delaware river was Washington with 2,400 cold, ragged, hungry, and desperate soldiers, despondent after months of steady retreat. And at McKonkey's Ferry, farmer scouts brought word of drunken Hessians carousing at Trenton.

Washington struck swiftly. Crossing the Delaware through sleet and snow, he marched his footsore, courageous army with its 18 cannon nine miles to capture the Hessians and Trenton on December 26.

Christmas, 1944, finds other American armies once more defeating Germans, this time before the Rhine river in Germany. Who shall say Washington's Colonials do not fight with them?

God Rest Ye Merry, Gentlemen,
Let Nothing You Dismay.

WAREHOUSE AND MILLS
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Essential Oils, Other Aromatics

Business in the market for essential oils was very quiet during the past week. Consumers were mainly aloof and showed great reserve in placing orders for prompt deliveries. The holiday season was at hand and with it came the annual inventory period during which buyers usually keep purchases within the confines of actual and only immediate requirements. In the interest of making the best possible annual statement, expansion of inventories was being avoided. Such were the main market influences that last week kept trade within very moderate limits.

The outlook is for inventories generally much smaller than is usually the result of stock-taking. The value of inventories are generally higher than normal but they are not much different than a year ago. Prices stand high enough to make a large inventory dangerous in the event of a sudden termination of war in Europe. There is little danger this year of large inventories since at no time has it been possible to get all the materials needed. Nor does there seem to be at this time much chance of a sudden coming of peace in Europe.

Some oils are more abundant than they were a year ago. Among them may be clove (because of a resumption of clove oil exports from French Oceania) geranium, and Spanish oils generally. Though lemon and bergamot oils have come from abroad, very little of either is now on the open market. Orange on hand is abundant, especially the product of Brazil, but the barrier that has kept French North African oil out remains unbreached. Domestic oils are not plentiful. Spearmint is almost unobtainable on spot and most of the peppermint remaining unsold is in the country. Tansy, erigeron, wormseed, wormwood, and pennyroyal are almost out of the picture.

Market Trends

Prices Advanced

None

Prices Reduced

Clove, 5c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week.	Prev. week.	Last month.	Last year.
204.6	204.7	206.2	255.5

Essential Oils

Almond—Sales of expressed oil to cosmetic manufacturers were moderate in size last week. The recession in movement was in line with seasonal restriction of activity generally.

Anise — Chinese merchants suggest seriously the idea of fetching oil now in China into India by returning airplanes of the armed forces, there to be despatched by ship to this country. They admit, however, that Chinese exchange is the first barrier to be passed. Another would surely be the difficulty in convincing army officers of the essentialness of anise oil to the war economy in the United States.

Bergamot—Little or no oil was on the open market. Consumers soaked up the recently imported 90,000 pounds so promptly that there is not much left for open market trade.

Cananga — Buyers were aloof from the market last week, confining takings to very small lots required at odd times. Available stocks were on the short side.

Clove—The spot prices were slightly lower at $1.70 to $1.75 per pound, possibly the result of offerings of imported material, but certainly not because domesti-made oil was abundant. Stocks gained to the extent of 79 packages.

Coriander — Russia gets some materials to this country but the supplies of choice Russian coriander oil are absent. The spot market was dull last week but small stocks were alone sufficient to keep prices very firm.

Cubeb—There were unfilled orders in the market last week, practically all former distributors having none to offer.

Dill — Contract placement is under way and the quality of oil available at the distributors of the domestic distilleries is said to be averaging high this year.

Eucalyptus—Stocks continued short and are likely to remain until such time as Australia, Spain, or, possibly Brazil can offer much more oil than at present is their wont. In most respects, the spot is a nominal affair.

Geranium—Stocks of this oil gained to the extent of 17 packages and the material continued to move at full market prices.

Grapefruit—Brazil turns up as an exporter of this oil and added two cases to the moderate spot stock. Prices were firm. Demand was light and thoroughly routine.

Ginger—Production is limited to the availability of raw material and no imports from Africa have taken place for a long time past. Present values are very high but they are also exceptionally firm.

Juniper Tar—The market has turned steadier since the recent slight concession in spot prices. Competition has been less active of late.

Lemon—The market was bound to be routine since the supply available for civilian products continued short of actual requirements. Outlook for the California crop of fruit is for a gain of 21 percent over last season but it will be 11 percent under 1942-1943.

Lemongrass — Though stocks rose recently, prices were maintained by the fact that much of the material had been sold prior to reaching here. There is not much surplus material in dealers' hands now.

Nutmeg—Domestic distillers find it almost impossible to get a continuing and steady supply of raw material. Hence, stocks of oil in dealers' hands remain below the consuming capacity of the market. Substitutes are being pushed.

Orange — Additions to stocks of Brazilian oil totaled 100 cases and came on a market rather easy in undertone. Competition for business was keen and demand was not active.

Patchouli—Small stocks cannot be readily increased and the trade looks forward to small volume of trade in the coming year. The market at the moment is nominal.

Pennyroyal — Domestic production was very small; some former producers totally ignored the item. The situation is expected to continue rather tight.

Rosemary—Reported in fair supply, sufficient to cover present requirements of manufacturing consumers at steady prices.

Sandalwood — Production is kept low by the insufficiency of raw material. Sellers were greatly reserved.

Spearmint—Mighty little spot oil was available and not a great deal was believed unsold in the domestic primary market.

Tansy—Spot dealers were not quoting. Little was produced last Summer because of labor shortage and the greater financial yield from other crops.

Vetiver—Stocks gained to the extent of 45 packages. The market absorbed the material with no difficulty and prices retained a steady position.

Wormseed—Production costs averaged high and hence trade with consumers is taking place at ceiling limits.

Wormwood — Production was considerably less than might have been absorbed. Major users got a fair supply but stocks remaining for dealers' stocks were comparatively light this year. A very firm market prevails.

Ylang Ylang—Although stocks were up to the extent of 22 packages, prices held and the undercurrent of competition was still to be found in a very quiet spot market last week.

Aromatic Chemicals

Amyl Salicylate—Numerous small orders removed the item from complete inactivity, but the very best distributors indicated that available supply could not stand much heavier calls.

Anethol—Business was reasonably active but sellers said the trade was about that to be expected at the end

For Current prices see alphabetical listing beginning on page 9.

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of the year when buyers usually turn conservative in their operations.

Benzyl Compounds—The shortage of most items was acute and the need for distributors to turn down orders was more and more apparent. Many have stopped quoting.

Cinnamic Alcohol—Fair supplies were available but no surplus was in hand and sellers displayed considerable reserve.

Linalyl Acetate — Stocks seemed adequate to meet probable requirements but insufficient to make competition play an important market. Demand was light last week.

P.R. Dreyer, Inc., Elects Wiedman Vice-President

Henry A. Wiedman has been elected vice-president of P. R. Dreyer, Inc., essential oils and aromatic chemicals, New York.

Mr. Wiedman became secretary of the company in 1938 and previous to his joining P. R. Dreyer, Inc., as sales manager in 1936, he had been associated with McKesson & Robbins in the purchasing department, E. Fougera & Co. as purchasing agent, Schering Corporation as manager of chemical sales, and with Magnus, Mabee & Reynard, Inc. James V. Demarest, who has been associated with the company since 1934 as chief chemist, has been elected secretary.

Penicillin Standards

—Continued from page 3

N. Y., and the Food and Drug Administration.

The American delegates said that the recommendations of the conference were approved unanimously and at no time during the deliberations did any essential point of disagreement arise. In order to facilitate discussion, it was stated, the conference began by recognizing that the different penicillins known as I, II, and III in Great Britain are respectively identical with those known as F, G, and X in the United States.

The recommendations of the conference follow:—

1. That, notwithstanding the existence of more than one penicillin, it is desirable and possible to select and adopt an International Penicillin Standard consisting of a specimen of the pure crystalline sodium salt of Penicillin II, or G; and an International Penicillin Working Standard, the specific activity of which has been determined in relation to that of the International Standard.

2. That the use of these Standard Preparations, for the time being, would meet the needs of practical standardization and render quantitative results obtained in different countries sufficiently comparable.

3. That the offer of the representatives of the United States of America to prepare the material for the International Standard, from contributions generously supplied for the purpose by manufacturers in the United States and the United Kingdom be gratefully accepted, and that the individual contributions be brought into one solution and finally crystallized as one uniform preparation.

4. That, with a view to the eventual replacement of this International Standard by a preparation of identical properties, the physical and chemical constants of the preparation now being adopted shall be accurately determined.

5. That approximately 8 grams of the International Standard shall be prepared and a quantity regarded as adequate to satisfy international requirements shall be deposited with the Department of Biological Standards, the National Institute for Medical Research, Hampstead, London, N.W. 3, on behalf of the Health Organization of the League of Nations.

6. That, on receipt at Hampstead, the International Standard shall be dispensed in suitable quantities into separate containers and after complete desiccation shall be sealed in these containers in pure, dry nitrogen gas, by the method and technique hitherto adopted for other International Biological Standards and shall thereafter be maintained in cold storage pending supply to national control centers.

WFA Setup Revised

—Continued from page 7

funds, personnel, and property of the Office of Distribution relating (a) to the activities of Requirement and Allocations Control, to Program Liaison, to the Procurement and Price Support Branch, and to the Shipping and Storage Branch; (b) to activities in connection with the administration of WFO's 71, 73, 74, 63 and 116; (c) to activities respecting plant facilities and financing; (d) to activities involving use of Commodity Credit Corporation or Section 32 funds, except the school lunch and direct distribution programs; (e) to activities relating to requisitioning of food and acquisition of property; (f) and to activities respecting procurement, price support, and subsidy operations.

(5) To the new Office of Basic Commodities, to be headed by Carl C. Farrington, are transferred the functions, funds, personnel, and property of CCC relating to the cotton, grain, general crops, hemp, oilseeds, and sugar divisions.

(6) Immediate responsibility for lending, buying, selling, storage, transportation, subsidy, and price support programs of the WFA is divided between the Director of Supply and the Director of Basic Commodities, on a commodity basis, and they will carry out these duties as vice-presidents of CCC. However, the Director of Supply will have general supervision over all procurement for Government needs. In addition to the responsibilities mentioned above, the Director of Supply and the Director of Basic Commodities will conduct disposal operations with respect to food, in line with the assignments made to them, arising under the Surplus War Property Act.

(7) The Federal Crop Insurance Corporation is made an independent program agency of WFA.

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Petroleum Derivatives

Even if not entirely cognizant of it heretofore, American petroleum refiners are now keenly aware of the fact that their industry is dominated throughout all its departments by the gigantic needs of highly mechanized warfare in crude oil and its multitudinous derivatives.

Continuous expansion of the war's requirements in high-octane gasoline and increasingly extensive drafts made by military procurement agencies upon stocks and current production of the light petroleum fractions, called for in the production of this super-potent aviation fuel, are constricting still further the supply of solvents and other naphtha specialties and also of liquefied gases available for civilian uses. Almost exactly similar situations are noted in a further tightening of the market for ordinary civilian gasoline, light and heavy fuel oils and lubricating oils, insofar as supplies for non-military purposes are concerned.

Likewise, the heretofore fairly liberal stocks of petroleum waxes, particularly of paraffin, have been hugely reduced by government takings for lend-lease accounts, which are leaving little for civilian consumption. And, although the daily rate of crude petroleum has only recently been stepped up to new peaks, there is a scarcity of crude oil available for processing by the independent refiners into finished products for civilians.

Solvents and Diluents

Aromatic Solvents—With adequate allotments of xylol continuing to be made to them by the government authorities, manufacturers of the high solvency aromatic naphthas are able to keep their production of both Class A and Class B types and also of the blends up to the levels required for current military and civilian uses, albeit there is no slackening of the demand for these products on any score.

Cleaners' Naphtha—Still moving in sizable volume into military and civilian consuming channels with prices well maintained.

Lacquer Diluent—Buying interest continues keen in this material. Market firm throughout.

Mineral Spirit—In unabatedly keen demand. Tone steady.

Rubber Solvent—Manufacturers of synthetic rubber continue to absorb both stocks and current production, leaving virtually none for other consumers. Market strong.

Stoddard Solvent—Being purchased in undiminished volume by both military and civilian drycleaning interests with prices firmly held.

V. M. & P. Naphtha—Continues moving briskly into the plants of paint, varnish and lacquer makers, with the bulk of the current offerings being snapped up by those engaged in war production work.

Markets at Other Centers

Chicago, Dec. 15.—Petroleum solvents and thinners continue moving in sizable volume in this area, with the aromatic naphtha specialties, and rubber solvents leading the procession.

Los Angeles, Dec. 15.—The demand and buying interest in Class A and Class B type aromatic solvents continues to run high on the Pacific coast. The entire situation in the petroleum solvents and diluents group remains very tight, with the stocks of almost everything in the list spoken for as soon as turned out. Cleaners' naphtha and lacquer diluents keep in keen demand and the market is holding strong throughout the list.

Lighter Fractions

Butane—Processors of super-octane gasoline and synthetic rubber, engaged in war production work, are enlarging their takings of this liquefied gas to the extent of absorbing nearly all offerings and current output. This is leaving little available for home heating and cooking purposes.

Heptane—Buying interest in this gas keeps mounting.

Hexane—Moving in increasing volume into consuming channels with prices well maintained.

Octanes—Continues in brisk demand. Market firm.

Market Trends

Prices Advanced

Crude petroleum, Lance Creek, Wyo., field, 13c. per bbl.; Delta Farms, Golden Meadow, Lake Salvador and Bay de Chene, La., fields, 5c. per bbl.

Prices Reduced

Gasoline, Oklahoma, 76 octane ethyl, ½c. per gal.

Pentanes—Being taken up extensively by government procurement agencies as well as by non-military consumers at firmly held prices.

Propane—With the manufacturers of high-octane gasoline and synthetic rubber continuing to take the lion's share of all available stocks of this gas, the requirements of civilian users are going largely unsatisfied. Market holding strong.

Petrolatums and Waxes

Micro-Crystalline Waxes—A steady movement into consuming channels is noted in these waxes, under the leadership of the standard process types with prices well maintained.

Paraffin—Under the steady draining of domestic supplies in lend-lease export movements, stocks of crude scale and most of the low-melting point as well as virtually all the high melting point waxes have been reduced to meager proportions, in some instances close to the vanishing point. Prices strongly held on all the still available grades.

Petrolatums—With their stocks greatly reduced by recent heavy shipments and an unabatedly brisk demand, most of the leading producers of petroleum jelly are having difficulty in meeting all requirements in U.S.P. and technical grades as well as in veterinarian types.

White Mineral Oils—Although price shading continues to be practiced by many suppliers in lines wherein they are overstocked, leading producers have not yet made any formal announcement of a corresponding lowering of their prices for these oils, but have kept on adhering strictly to their old price schedules.

Fuels and Lubricants

Crude Petroleum—Although the daily rate of domestic crude oil production continues on a high plane, there has been another slight dip in the daily average output for the week ended December 9, for which it ran to 4,704,450 barrels, a decline of 8,450 barrels from the 4,712,900 barrels daily, recorded for the previous week. Runs of crude oil to the refineries have also exhibited another little falling-off for that same week, amounting to 4,552,000 barrels, as compared with 4,693,000 barrels daily for the preceding week.

PAW has announced that the domestic production of crude oil will have to continue at approximately the present high rate of 4,700,000 barrels per day throughout 1945, in order to meet the gargantuan demands of mechanized warfare, regardless of when the European war is terminated.

The Ohio Oil Company has announced an advance of 13 cents per barrel in its posted prices for crude oil taken from the Lance Creek, Wyo., field, while the Texas Company has also proclaimed advances of 5 cents per barrel in its posted prices for crude oil taken from the Delta Farms, Golden Meadow, Lake Salvador and Bay de Chene, La., fields.

Fuel Oil—In view of the transport crisis, brought about by increased tanker and tankcar demands by the military when German resistance stiffened while full-scale operations in the Pacific were begun, OPA has decided that it is now necessary for users of residual oil for heating purposes, on the East coast such as hotels, office buildings, industrial plants and apartment houses, to have their rations figured out anew on the original basis of two-thirds of normal requirements.

Gasoline—An increase in nationwide stocks of gasoline has been reported for the week ended December 9, on which date they registered a gain of 454,000 barrels to 80,880,000 barrels.

A refiner in Oklahoma has lowered his price for 76-octane tetraethyl of lead gasoline by an eighth cent to 6⅝ cents per gallon. But some other refineries in that area are still holding out for 6¾ cents.

Potash Chloride

—Continued from page 3

chloride in the production of hydrochloric acid, one of the furnaces failed, the committee was told. A representative of the War Production Board Office of Production Research and Development has been assigned to investigate the possibility of developing a basis for continuing the conversion program without interfering with production of hydrochloric acid for synthetic rubber. WPB officials said that until the investigation has been completed it will not be known whether the conversion can be resumed. In any event a delay of several weeks is anticipated, WPB said.

The principal purpose of the industry advisory committee meeting was to consider possible revision of the potash allocation order. As an aid to this consideration, a revised estimate of potash production based on recent reports from the potash producers was presented to the committee. This estimate, of approximately 860,000 tons of potash in 1944-45, was approximately 15,000 tons less than the previous estimate.

The estimated supply of potash available for domestic agriculture, including Hawaii and Puerto Rico, for April and May of 1945, is approximately 70,000 tons, as compared with an earlier estimate of 91,000 tons, WPB reported. The total supply indicated for agriculture in 1944-45 is approximately 712,000 tons of potash. An earlier estimate had indicated that the requirement for 725,000 tons of potash presented by the War Food Administration would be met.

Acrylic 'Trust' Suit Reopened by Govt.

The antitrust-law action alleging illegal collusion with reference to acrylic products, in which an indictment was handed up in the Federal court in Newark, N. J., August 10, 1942, was returned to that court's calendar December 11, by government's motion. This proceeding had been stayed, on motion of the government, in the opinion that trial at the time would not be in the public interest. On motion of the defendants, it will not be taken up until after January 8.

The action charges conspiracy on the part of E. I. duPont de Nemours & Co. and the Rohm & Haas Company with I. G. Farbenindustrie A. G., Rohm & Haas of Darmstadt, and Imperial Chemical Industries, Ltd., to restrict production of acrylic plastics, eliminate competition, and charge exorbitant prices.

Duncan Merriwether, treasurer of the Rohm & Haas Company, has issued a denial of the government's charges with respect to his company. He says that the "agreements" are simple patent licences under which Rohm & Haas has been able to produce plexiglas and other necessary war materials.

Charles E. Heyl, manager of the Inland Water Division of the Socony-Vacuum Oil Company Inc., will retire on January 1 after forty-two years with the company.

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petrolatums and white oils
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RUST PREVENTIVES
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For
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WHITE OILS
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For Current prices see alphabetical listing beginning on page 9.

IT'S TIME FOR INVENTORY

NOW is the time for all good plant superintendents to check EQUIPMENT; what should be cleared out; what is needed; in either case FMC can give you prompt service.

FILTER PRESSES

1 Shriver 24" C.I. Filter Press; 24 chamber; 1" plates; ¾" frames 2 eye, closed delivery; ratchet closing device.

1 Sperry 24" Aluminum Press; 14-plate; type 41.

1 Shriver 24" Aluminum Press; 25 recessed plates.

1 Sperry 30" C.I. 5 eye closed delivery press with 20 1¾" frames and 19 1" plates with pump and motor.

1 Sperry 42" C.I. Press with 57 recessed plates.

4 Oliver Vertical Pressure Filters ideal for chemicals, dyes, syrups, inks, etc.

3 Skeletons; 2 24" and 1 30".

1 Sweetland No. 9 Filter; 24 leaves on 4" centers; 242" sq. ft.

1 Lancaster Mixer Model ZBG 5; 86" bowl.

1 Day Powder Mixer; 6'6" x 30" x 36"; 5 HP.

6 Pony Mixers; 40 gal., 15 gal., 8 gal.

1 Battery of 3 Kent 60-gal. Paste Mixers.

8 Jktd. Agitated 1,000 gal. Steel Cookers.

1 J. H. Day High Speed 12" x 32" Roll Mill.

1 Devine Lab. Vac. Shelf Dryer.

2 Devine 5' x 30' Rot. Vac. Jktd. Dryers.

100 Pfaudler 300 gal. Glass Lined Closed Pressure Tanks; 4' x 4'.

1 Rogers Spray Dryer; large capacity.

6 Retorts; 40" x 60" with 3 baskets each.

1 Stokes & Smith 2 station Auger Filler.

2 J. H. Day Auger Type Powder Packers.

2 Rotex No. 7; 40" x 84" Sifters.

1 Five Roll Lab. size Calendar Roll Mill.

3 Bramley 30" and 42" Grinding Mills.

4 Glass Lined Hor. Truck Type Tanks.

1 Howe 10,000 lb. Aut. Platform Tank Scale.

1 Filler Mach. Co. 6 Piston Filler (qts.).

4 Heavy Duty 1,000 gal. Vert. Copper Tanks.

FIRST MACHINERY CORP.
EAST 9th STREET AND EAST RIVER DRIVE
NEW YORK 9, N.Y.

Business Wants and Offers

RATES PER INSERTION—PAYABLE IN ADVANCE

Help Wanted and Positions Sought—Minimum $2.00, thirty-six words or less; 35c for each additional six words.

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AGENCIES WANTED

Sales Agent desires to represent responsible companies for distribution and sales of chemicals, specialties and raw materials in Los Angeles and southern California. Many contacts already established. Present and postwar possibilities unlimited. OPD 590.

"Great Britain" technical director of large British paint and chemical manufacturers producing all types of paint, varnish, synthetic resins and synthetic drying oils, and raw materials for the plastics industry is now in the U.S.A. and would be happy to receive proposals from U. S. manufacturers wishing to negotiate licenses for developing new products in British Empire. Please address all replies in triplicate. OPD 598.

AGENTS WANTED

Representatives Wanted for one of the nation's leading producers of hormones and fine chemicals to sell to the manufacturing drug and pharmaceutical trade. Western and Southern territories open; excellent opportunity. Commission. OPD 595.

EQUIPMENT OFFERED

For Sale — Four jar mill, 1 gal.-jars, 18x27" porcelain-lined, and 30-gal. stoneware jar mill. Gruendler hammer mill. 15 GPM LaBour aluminum pump, 26 C.F.M. Kinney vacuum pump; root stainless steel blowers, 82 CFM, 2 PSI, 500 CFM, 15 PSI; centrifugal pumps, 600 GPM, 80' head, 400 GPM, 400' head; steam pump, 29 GPM, 500 PSI, Lawler Company, Durham avenue and L.V.R.R., Metuchen, N. J.

EQUIPMENT OFFERED

We can furnish new and used reconditioned, tight, wooden barrels, slack barrels and steel drums for every purpose. We also buy empty slack and tight barrels, steel drums and pails at any point. Buckeye Cooperage Co., 2500 East 33rd street, Cleveland, O.

For Sale—Kilby Slaker—5'3"x22". Can furnish drive and speed reducer. Also miscellaneous steel tanks. Westchester Chemical Corporation, Mamaroneck, New York. New York phone: LExington 2-4469.

Mills—Mead No. 2 disintegrater, Schutz-O'Neill 16" pulverizer, Sprout-Waldron 24" burr mill. Also Abbe No. 2 Blutergess sifter. All in good operating condition. The Reardon Company, St. Louis 6, Missouri.

BACK THE 6th WAR LOAN DRIVE—BUY AND HOLD WAR BONDS

Are You Worried?

. . . about CHANGES IN WAR PRODUCTION, REPLACEMENT OF WORN MACHINES, DISPOSAL OF IDLE MACHINES AND PLANTS, CREATING JOBS.

The Answer: "CONSOLIDATED"

Special Items from Stock

2—70" x 30' RUGGLES COLES DIRECT HEAT ROTARY DRYERS, Type A-9.

1—5' x 12' Vacuum DRUM DRYER, Buffalo Foundry complete with accessories.

10—ROTARY VACUUM DRYERS; 3—Buffalo 5'x20'; 3—Devine 4'x25'; 1—Devine 4'x30'; 1—Strutthers Wells 36" x 12'.

2—ATMOSPHERIC DRUM DRYERS 4' x 12'.

2—32" x 72" BUFLOVAK ATMOSPHERIC DOUBLE DRUM DRYERS, m. d.

2—Buflovak 6' dia. Jack. Vacuum CRYSTALLIZERS or VACUUM PAN DRYERS.

9—Direct heat ROTARY DRYERS 4' x 30', 5' x 30', 70" x 30', 6 x 60'.

1—7'6" x 75' Indirect Heat ROTARY DRYER.

2—PEBBLE MILLS, 1—4' x 4' Burrstone Lined; 1—32" x 42" Rubber Lined; 4—30 gal. porcelain lined. Other Sizes.

2—CRUSHING ROLLS, 40 x 16" Colorado Iron Works.

6—DRY POWDER MIXERS various sizes. To 3000 lbs.

2—W. & P. MIXERS, sizes 21-X-BB jacketed 625 gal.

3—4-Roll RAYMOND HIGH SIDE MILLS, all equipped for vacuum air separation—one with latest "whizzer" separator, two with double cone vacuum separators. Each including exhauster, cyclone collector and interconnecting piping.

6—RAYMOND PULVERIZERS; 4-Roll Low Side; No. 3, No. 1, No. 0000.

1—4'x8' OLIVER CONTINUOUS FILTER; 2—8'x8'

8—HEAT EXCHANGERS, 50 to 1600 sq. ft. heating surfaces; 5 copper, 2 steel tubes.

1—Day No. 30 Imperial Jack. MIXER, 75 gal.

8—RUBBER LINED Rectangular TANKS; 7—500-gal.; 1—150 gal.

29—CENTRIFUGAL EXTRACTORS, 12" to 72" bronze and steel baskets, belt and motor drives.

1—PNEUM. SCALE CARTON PACKAGING UNIT

1—Pneumatic Scale Co. Auto. tight WRAPPER.

2—Batteries of two each TYLER HUMMER SCREENS 4'x5', single deck, other sizes.

1—36' dia. Cast Iron COLUMN, 73" high.

1—Devine duplex VACUUM PUMP 16 x 16 x 12.

3—STOKES steam heated WATER STILLS, 5, 10, 100 gal. per hour.

1—Buffalo 48 x 40" VACUUM DRUM DRYER, with bronze chromium plated drum, Vacuum pump, Barometric condenser, Vacuum receiver etc.

All items motor driven, still set up in operating condition.

LIQUIDATION — MACHINERY AND EQUIPMENT OF FORMER CENTRAL SUGAR CO., Decatur, Indiana

1—Battery of 5—40" STEEL BASKET, WESTERN STATES, 1600 RPM, belt driven CENTRIFUGALS, ball bearing, water-cooled heads; mixer with Stevens mingler coil; syrup troughs, all supporting framework, unloaders.

1—19,000 sq. ft., QUADRUPLE EFFECT, horizontal, brass tube EVAPORATOR, with all piping, pumps, etc.

8—8x10 Wood Stave OLIVER FILTERS.

7—JUICE HEATERS, 500 to 750 sq. ft. H. S.

1—Hersey double unit ROTARY DRYER OR GRANULATOR.

Miscellaneous: Pumps, Packaging Machinery, Coil and Calandria Pans

Send for Printed Circular — Arrange to Inspect

9—Hardinge BALL MILLS, 4'6" x 16", 5' x 22", 6' x 36"; also 6' x 12' Rod Mill.

2—8' x 30" Hardinge Conical Silex Lined PEBBLE MILLS, also 6' x 36".

53,000 lbs. 2—4" mixed STEEL GRINDING BALLS.

1—500 gal. 5' x 6' BALL MILL.

5—ROTARY KILNS, 6' x 60', 8' x 125', 8'x 135'.

2—BELT CONVEYORS, 30" x 120', 16" x 65'.

3—Dracco Perfecto Type AAA DUST COLLECTORS

1—Abbe Blutergess No. 2 SIFTER; 1—No. OS, m.d.

2—Gen. Ceramic 40" dia. x 15' high ABSORPTION TOWERS.

10—Dopp C. I. Jacketed KETTLES, 25 Gal. to 100 gal; 30—steel, cast iron, jack. up to 2000 gals.

3—ROLLER MILLS, 6'6" x 14", 12 x 30, 16 x 40 water cooled.

3—Beach-Russ No. 10 ROTARY VACUUM PUMPS, with V-belt Drive m. d.

2—Nash No. 2 ROTARY VACUUM PUMPS, with V-belt Drive, m. d.

1—Pneumatic Scale straight line BOTTLE CLEANER

4—150 gal. aluminum TANKS, cone bottom.

1—Stokes No. 21 GRANULATING MIXER, 50 lb. belt driven.

1—24" dia. x 40" PENNSYLVANIA SINGLE ROLL CRUSHER, also 2—18"x18" Jeffrey.

1—HARDINGE CONICAL PEBBLE MILL, 6' x 36", silex lined, silent chain drive, motor and starter.

2—DORR BOWL CLASSIFIERS—10' dia. bowl with 2'3"x19'6" rake, 12' dia. bowl with 2'3"x21'4" rake.

1—HARDINGE CONSTANT WEIGHT FEEDER, ¼ HP motor.

4—DORRCO DIAPHRAGM PUMPS, single and duplex.

1—8' x 8' OLIVER ROTARY CONTINUOUS VACUUM FILTER.

2—Granberg LIQUID METERS.

1—No. 7;—Colton TUBE or JAR FILLER, No. 0.

2—Jones Automatic CARTONERS.

2—Anderson PACKAGING UNITS

1—Sperry Iron FILTER PRESS, 36" x 36", 38 chambers; 1—Shriver 24" x 24", 40 chambers.

1—World Rotary auto. LABELER

1—Burt straight line auto duplex LABELER, md.

1—C. C. & S. 7-head Jumbo CROWNER

3—50 gal. copper steam jacketed VACUUM PANS, complete; other sizes to 750 gal.

1—Pneumatic Scale Co. Auto. 6 head CAPPER & CAP FEEDER, M. D.

3—Pfaudler GLASS LINED TANKS, 2-90 gal. open.

3—40 gal. DAY PONY MIXERS.

1—Size "B" Erie City COAL PULVERIZER with 40 P 3/60/220-440 V. Motor. Rated 2000 lbs. per hour.

2—18 x 18" Jeffery Single ROLL CRUSHERS.

11—COPPER & ALUMINUM steam Jack. KETTLES —up to 350 gal, some with agitator.

1—U. S. Bottlers C-8, 8 spout gravity LIQUID FILLER.

1—450 gal. GLASS LINED jack. agit. KETTLE; 2—150 gal. jack. agit; 2—200 gal. jack.

1—350 gal. NICKEL LINED jack. KETTLE, C. I. shell.

1—5' x 13' PEBBLE or TUBE MILL, with open trunions.

1—Riehle friction grease TESTING MACHINE, cap. 10,000 P. S. I.

1—Filler Machine Co. 8-spout piston FILLER.

2—J. H. DAY auger & F. J. STOKES DRY POWDER FILLERS.

1—WORLD High Speed straight away LABELER, m.d.

4—500 gal; all COPPER, steam jack. agit. KETTLES

1—No. 12 SWEETLAND FILTER with 36 monel leaves, 250 mesh, grooved.

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There's still a War to be Won. Help production! Send your list NOW.

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Shops: 335 Doremus Ave., Newark, N. J. Cable Address: Equipment, N.Y.

EQUIPMENT OFFERED

For Sale—Three 20-inch Ross stone mills and three 20-inch Ross stone tandem mills. Also two horse-drawn tank wagons, 1,000 gallons each, suitable for solvents. Reasonable offer considered. OPD 601.

EQUIPMENT WANTED

Wanted—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to OPD 571.

Wanted—One or two complete automatic machines for making moth (naphthalene) balls. Send offers direct to Naphthalene Products Company, P. O. Box 128, Tarrant, Alabama.

MATERIALS OFFERED

Painters' Caps, paperhanger aprons and all other forms of cloth advertising specialties; samples and information on request. Minnesota Specialty Co., 119 N. Fourth street, Minneapolis, Minn.

Bleaching Powder—10,000 pounds, 35/37%—packed in 325-pound drums. Price—1½ cents pound, f.o.b. N. Y. OPD 600.

MATERIALS WANTED

To Manufacturers and jobbers—Are you overstocked? We require immediately large or small lots, many items, chemicals, pharmaceuticals, solvents, aromatics, waxes, other supplies. Submit offerings at once. Correspondence treated confidentially. OPD 572.

MATERIALS WANTED

Will purchase your surplus stock of chemicals, drugs, oils, waxes, dyes, solvents. Are you overstocked due to formula change or government cancellations? Write fully. Will make immediate offer. OPD 587.

Paradichlorobenzene Wanted in rock, nuggets or crystals. Also, refined naphthalene in flake and rice. Large or small quantities. OPD 599.

POSITIONS VACANT

Color Matcher—Attractive position open to aggressive man, knowledge printing inks, varnishes, dry pigment colors; chemical knowledge desirable. State nature and length of experience. Box 912-B, 349 E. 149th st., New York 51, N.Y.

Chemical Executive—Manufacturer of disinfectants, waxes, polishes, soaps requires experienced man to supervise its laboratories. Good post-war prospects. OPD 548.

Paint Chemist and laboratory assistant wanted for factory located east. Must have agreeable personality and proven ability. Excellent opportunity with growing and well-financed company. Submit full details, including photo and salary desired. OPD 556.

Laboratory Director wanted for chemical company located in East serving the metal and textile industries. Preferably Ph.D., with outstanding managerial ability. Must have the ability to get along with people. Knowledge of metal and textile processing helpful but not necessary. Send full information, salary desired and photograph to OPD 559.

POSITIONS VACANT

Varnish Maker, able-bodied, kettle man for important, Brooklyn manufacturer; immediately; modern plant; permanent. No formulating required. State salary and details. OPD 565.

Laboratory Assistant wanted—We have an essential job for a man able to do general testing, matching colors and some formulating. We have vital war contracts and most excellent post-war prospects, which assures a permanent position. The position of chemist is open to the right man accepting above job after a short probationary period to show his worth, or at once to applicant with necessary experience. W. M. C. Regulations apply. Write or call in person at the office of The Akron Paint & Varnish Co., Akron, Ohio.

Two New permanent openings, paint and varnish chemist with 3-4 years of experience in paint and varnish formulation, for product development and customer service work. Chemical engineer with pilot plant and development experience, for similar work. Able men can build careers in these positions with a small, progressive, rapidly expanding western New York company in the new industrial field of high vacuum technology. Post-war future of company assured. If you are seeking an opportunity to build a career, send a full statement of your qualifications, availability, draft status, and photo to OPD 563.

Chemist to make floor waxes and soap. Established firm. State full particulars. OPD 603.

—Continued on page 70

SPECIALS

Stainless Steel Bird 48" Centrifuge with Explosion Proof Motor.
Shriver 24" P. & F. Filter Press, Steam Heated 29 Chambers.
Oliver Rotary Filter 8'x8' Rubber Covered Drum.
Swenson Continuous Rotary Vac. Filter 8'x8' Rubber Covered Drum.
Rotary Drier or Kiln 6'x60'.
Kiefer Bronze Rotary Gear No. 3 Visco Filler.
Send for Bulletin "X" now in preparation.

MACHINERY & EQUIPMENT CORPORATION (of N. Y.)
533 West Broadway, New York 12, N. Y.

WANTED — Chemist

College graduate, five to eight years experience, formulating industrial and trades paints and varnishes. Eastern raw material manufacturer. Good starting salary with excellent post-war prospects.

Box 602
Oil, Paint and Drug Reporter

KETTLES

2—1650 gal. 6 ft. dia. x 8 ft. deep Steel Jacketed Turbine Agitator, Speed Reducer, 10 H.P. Motors.

1—2460 gal. 7'3" dia. x 7'3" deep, Iron Body, Steel Jacket Turbine Agitator, Speed Reducer, 15 H.P. Motor.

1—2400 gal. 7'10" dia. x 6'8" deep, Iron Body, Heating Coils, Two Blade Agitator, Speed Reducer, 15 H.P. Motor.

2—2460 gal. 6'6" dia. x 10' deep, Iron Body, Steel Jacket, Propeller Agitators, Speed Reducer, 15 H.P. Motors.

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EMSCO EQUIPMENT COMPANY
EMIL A. SCHROTH, Owner
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SALES AGENTS WANTED

A Large Manufacturer of Shaving Brushes is looking for representation throughout the United States.

Territories now being assigned.

Box 591, Oil, Paint and Drug Reporter

SPECIALS!

2—Devine 10"x10" Two Stage Dry Vacuum Pumps.
1—Nash 700 cfm Vacuum Pump, Style L7.
1—36"x36" Cast Iron Filter Press, plate and frame, 48 chambers.
1—Buflovak 24"x36" Single Drum Flaker.
4—4'x5' Pfaudler Jacketed, Agitated Tanks.
1—VULCAN 6'x42' ROTARY DRYER.
1—W. AND P. 100 GAL. JACKETED MIXER, SIGMA BLADES.
1—Stokes No. RDS3 Rotary Tablet Machine, 1¼" tablets.
1—No. 5 Sweetland Filter, stainless steel lined, with 15 stainless steel leaves on 4" centers.
1—No. 5 Sweetland Filter, with 20 leaves on 3" centers.
1—No. 9 Sweetland Filter, with 24 leaves on 3" centers.
2—De Lavel No. 600 and 700 Clarifiers.
5—Swenson Walker Continuous, Jacketed Crystallizers, 24"x30'.
1—Day 300 gal. Aluminum Lined Jacketed Mixer.
1—Day No. 10 Imperial Jacketed Mixer, 30 gal.
2—6'x5' JACKETED CLOSED PRESSURE KETTLES.
2—JACKETED STILLS, 500 AND 350 GAL. WITH STEEL COLUMNS AND CONDENSERS.
4—JACKETED, AGITATED STEEL KETTLES, 650, 600, GAL.
1—W. & P. 150 GAL. STAINLESS STEEL LINED MIXER.
2—Day Cincinnatus 75 and 100 gal. Mixers.
1—Colton No. 4 Single Punch Tablet Machine, 1" tablets.
1—W. & P. 20 gal. Mixer.
5—Semi-Automatic Labelers.
1—Patterson 3'x4' Porcelain Lined Pebble Mill, motor-driven.
2—J. H. Day 80-gal. Lead Mixers.
1—Struthers Wells 2200 sq. ft. Triple Effect Evaporator.
1—Stokes 100 gal. Vacuum Pan, steel.
1—Shriver Diaphragm Pump, 45 gpm, 5 HP motor.
1—Oliver Rotary Filter, 5'x8'.
5—Shriver and Independent 24", 36", 42" Wood Filter Presses.
2—Shriver and Sperry, 12" and 18" Cast Iron Filter Press, 9 chambers.
12—Centrifugals, 32", 40", 48" steel, bronze baskets, motor driven, top. bottom discharge.
1—Raymond No. 00 Screen Pulverizer.
3—Hersey Rotary Dryers, 5'x30'.
1—Copper Rotary Dryer, 6'x17'.
2—Scott 4'x8' Vacuum Cookers.
1—BUFFALO 24"x20" VACUUM DRUM DRYER.
2—Rotary Dryers or Kilns, 6'x60'.
1—Raymond Mill, No. 0000, ball bearing, with 15 HP motor.
3—Roller Mills, 9"x24", 12"x30"
1—Copper Vacuum Pan, 50 gal.
2—1750 gal. Lead Lined Tanks.
10—Condensers, 20 to 300 sq. ft.
5—Jacketed, Closed Steel Receivers, 45, 60, 100 and 200 gal.
Miscellaneous: Complete stocks pumps, tanks, filters, boilers, etc.

Partial List Only. Your Inquiries Solicited. Send us your lists of surplus equipment.

BRILL Equipment Co.
225 WEST 34th STREET
NEW YORK 1, N. Y.
BRyant 9-2040

2—Batteries (9 and 11) Tolhurst 40" Suspended Type, Centrifugals, Motor Driven, Bottom Discharge.

12—Filter Presses, Iron, Wood and Rubber, 18" to 42" sq.
1—Ball & Jewell No. 1½ Rotary Cutter.
1—Raymond No. 10 Imp Mill, complete.
1—3 Roll High Side Raymond Mill, complete.
3—No. 0000 and No. 0 Raymond Mills.
2—Bonnot 27" dia. Iron Filter Presses.
6—Autoclaves, 200 to 1,500 gals.
13—Vertical, jacketed, agitated Kettles, up to 1,500 gals.
2—75 & 1,500 gal. lead lined closed Kettles.
1—Pfaudler 60 gal. Jack. Agit. Glass Lined Kettle.
2—Dopp 50 & 80 gal. Jack. Agit. Kettles.
1—250 gal. Copper Jack. Vac. Still and Receivor.
1—Pfaudler 250 gal. Jack. Agit. Steel Kettle, Copper Lined.
1—700 gal. Steel Copper Lined Vac. Filter Tank.
1—600 gal. Steel Copper Lined Agit. Tank.
6—20, 35, 75 & 250 gal. Closed, Agitated, Jacketed Copper Kettles.
20—50 gal. Vert. Agitated Steel Tanks with Nettco Drives.
4—Single Punch Preform Tablet Machine, ¼" & ⅜".
3—Homogenizers, 10 HP, motor driven.
25—Hydr. Presses, Pumps and Accumulators.
1—75 lb. Powder Mixer, motor driven.
1—Dunning & Boschert 2000 lb. Double Arm Steel Powder Mixer.
2—Blystone 2,000 lb. Jacketed, Horiz., Paddle Type Steel Mixers.
1—25 gal. Ross Double Arm Heavy Duty Tilting Mixer.
6—Horizontal Mixers, 25 to 150 gals., Single & Double Arm.
1—Faust 150 gal. Jack. Spiral Mixer.
1—Coombs Gyratory Sifter, 1/3 HP.
1—Robinson 20" M.D. Attrition Mill.
1—Howe Barrel & Bag Packer.
2—4,000 gal. Vert. Acid Proof Tanks.
2—Devine 8"x8" Horiz. Vac. Pumps.
1—Nash No. 3 Vacuum Pump.
1—No. 3 Oliver 14"x8" Duplex Vacuum Pump.
1—Penn. Vac. Pump, 14"x5".
2—Worthington 12"x12"x12" Vac. Pumps.
2—DeLaval Separators, Lab. size & No. 302.
3—DeLaval Multiple Clarifiers, Nos. 300 & 600, motor driven.
2—Ross 8 & 13 gal. Pony Mixers.
1—Ross 2 Roll Granite Stone Mill, 8"x12".
2—5 Roll water cooled 16"x40" Steel Roller Mills.
2—Ross 3 Roll Water Cooled 12"x30" & 16"x40" Steel Roller Mills.
3—Double Stand Steel 4 Roller Mills, 7"x18", 7½"x20" & 7½"x30" Rolls.
10—Pebble & Jar Mills, Lab. to 50 gal.
3—Tolhurst 24", 26" & 40" Centrifugals.
9—Stone Mills, 8" to 32".
8—Lead & Paste Mixers, 50 to 135 gals.
5—Varnish Kettles, 100 to 200 gals.
10—Steel & Wood Tanks, up to 4,000 gal.
2—Schutz-O'Neil 16" & 20" Pulverizers.
2—Double Roll Crushers.
2—Williams No. 2XX & No. 3 "Regular" type Hammer Mills.
10—Electric Agitators, ¼ to 2 HP.
20—Rotary, Centrif. & Triplex Pumps.
6—Gas Boilers, 1 to 10 HP.

Only Partial Listings
Write for Complete Bulletins
We Buy Your Surplus Machinery

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Department E
426 BROOME ST., NEW YORK 13, N. Y.
CANAL 6-8147

NOW AVAILABLE!!!

8—300 gal. *Copper* Steam Jacketed Kettles
1—*Shriver* 18", 12 chamber closed delivery, *Lead Filter Press*
1—*Read* double arm *Mixer*, 38½" x 40" x 30", gear both ends, 7½ HP Motor
1—*Jeffrey* No. 3 *Vibrator* with Waytroll
1—40 gal. Motor Driven *Pony Mixer*
1—*Day* 200 lb. *Sifter* and *Mixer*, motor driven
1—*Mikro* No. 3 T H Serial No. 4752 Pulverizer
1—*Jeffrey*, all metal bucket elevator, 15' 6" C to C
1—*Economy* portable *Stacker*, 1500 capacity, 9' high

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146 GRAND ST. NEW YORK 13
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UNION Rebuilt Machinery Established 1918

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ALL OFFERINGS SUBJECT PRIOR SALE!
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KNAPP ADJUSTABLE CAN LABELING MACHINE

2—Mikro Pulverizers equipped with 50 H.P. motors.
2—Karl Kiefer Rotary Viscol type Filling Machines.
1—Abbe 4' diameter Pebble Mill.
National Equipment 100-gallon latest style Colony Homogenizer with stainless steel two stage head.
1—Huhn Steam Dryer.
1—Elgin 24 Spout Rotary Vacuum Filling Machine.
1—Colton Ossilating Granulator.
2—Galvanized tilting type Percolators, 200-gallon capacity.
1—World Fully Automatic Labeling Machine.
1—Filler four Plunger Filling Machine.
1—J. H. Day No. 2 Double Arm, heavy duty, motor driven.
1—Ermold and 1 World Semi-Automatic Labeling Machines.
2—Day 3 roll Roller Mills 16" x 40" horizontal type with roller bearings, direct motor drive.
2—Kent 3-roll Roller Mills, 16" x 40" horizontal type motor drive.

WE PAY CASH FOR SINGLE MACHINES OR ENTIRE PLANTS

Union Standard Equipment Co.
312-322 Lafayette Street
New York 12, N. Y.

FOR SALE

STAINLESS STEEL TANKS—new—100 and 200 gal., dished bottoms.
STEAM JACKETED KETTLE, 9' dia., 5' deep, complete with agitator, new.
COPPER TANK with agitator and coil, 66" dia. x 7'.
INVINCIBLE POWER Vertical Barrel Filling & Packing Machine.
STEDMAN FOUNDRY MACHINE CO. No. 4-8 HEAVY DUTY PULVERIZER with Heavy Brass Shaft, 4 Ball Bearing Hangers, Double Flywheel Drive, Mounted on heavy cast iron bed.
COPPER EVAPORATOR with Stokes Condenser.
COPPER COATING PAN, 66" dia., 40" deep.
KNY-SHEERER STERILIZER, 71½" long, 30" wide, 42" high, mounted on truck with Steam Boiler.
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Botanical Drugs

Continued from page 64

of the armed forces. Goods available for civilians was said to be less than a third of receipts of January a year ago.

Cloves — Zanzibar futures were higher priced at 17½c. to 18c. per pound.

Nutmegs—West Indies in future position were 34¼c. to 34¾c. per pound.

Pimento—Jamaica material was advanced to 23½c. to 24c. per pound.

Markets at Other Centers

Los Angeles, Dec. 13.—The botanical drug and spice market this week was steady, with little trading reported. This condition is expected to continue until after the first of the year. Prices are:—

Calendula Flowers—Nominal at $2 per pound.

Marjoram—French type named at 45c. per pound in dried and clean form.

Sage—Dalmation type, containing less than 12 percent stems, quoted at 80c. per pound for small lots. Leucophyllia named at 55c. for small lots.

Savory—French type nominal at 90c. per pound in small lots.

Sweet Basil—Named at 90c. per pound in dried form.

Thyme—French type nominal at 90c. in dried and clean form.

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Business Wants

—Continued from page 69

POSITIONS VACANT

Lacquer Control chemist wanted. Must be thoroughly experienced on clear and pigmented nail lacquer for laboratory work. Write full details of experience, etc. Our employees know of this ad. OPD 592.

Pharmaceutical Chemist for ampul division of prominent pharmaceutical house in Northern New Jersey. Knowledge of bacteriology and ampul manufacturing desirable, but will train man experienced in other phases of pharmaceutical manufacturing. Please state complete history and salary desired. Write Box 193, Suite 617, 1457 Broadway, New York City.

Pharmaceutical Chemist with experience in the production of injectable products, thorough working knowledge of assay chemistry with ability and initiative in production. Excellent opportunity with a small, growing concern. OPD 596.

Chemist—Excellent opportunity; position available for chemist to formulate and develop industrial lubricants. Preferred that applicant possess experience in greases and grease products, but not essential if right man. Postwar opportunities. Give details, education, experience and draft status. OPD 597.

Technical Salesman — Wanted to take charge of sales contacts in fields of rubber and plastics for long-established, progressive concern. Technical man with pleasing personality and ability to get along with others desired. Excellent opportunity in expanding division for war and post-war items. Write, giving complete details and salary expected. Box 103, 159 E. 34th street, New York 16. Statement of availability and inter-area clearance required.

Vegetable Oil refiner, located in New Jersey, requires a man experienced in refining or hardening. Permanent position with excellent opportunity for advancement. Box 104, 159 E. 34th street, New York 16.

Well Established import-export firm with extensive organization abroad wants to add to its staff a man capable of initiating and developing business, especially in chemicals, foodstuffs and related lines. Reply in confidence. OPD 604.

Experienced Bacteriological and biological chemist wanted. Ziegler Pharmacal Company, 500 Franklin street, Buffalo 2, N. Y.

POSITIONS WANTED

Organic and inorganic dry color chemist desires position with reliable concern in this or allied field. Thorough background. OPD 561.

Sales Office manager, auditor, of good background; paint, varnish, shellac manufacturing industries, years of experience and following among leading consumers in the metropolitan area, wishes connection with first class manufacturer. OPD 567.

Pharmaceutical Chemist, Ph.G., B.S., capable of managing the manufacture and control of pharmaceuticals. Ten years of varied experience in laboratory control and product development; manufacture of ampuls, liquids, and ointments; granulating, compressing and coating of tablets. OPD 593.

Chemist possessing an ability to meet people easily; "go-getter" attitude; desires change to technical sales; plant and laboratory experience; draft-deferred; graduate from excellent technical institute. OPD 594.

Recent Imports

—Continued from page 4

CASHEW KERNELS—100 cs. 5,000 lbs, Best Braun
335 cs, 16,750 lbs, A L Bazzini
1,625 cs, 76,250 lbs, W A Higgins & Co
6,509 cs, 325,450 lbs, W H Camp & Co
50 cs, 2,500 lbs, H A Johnson & Co
45 cs, 2,250 lbs, Manhattan Nut Co
600 cs, 30,000 lbs, Bowes & Co
CASTOR BEANS—54,076 bgs, 8,111,400 lbs, Baker Castor Oil Co
6,105 bgs, 915,750 lbs, Spencer Kellogg & Sons
9,634 bgs, 1,445,100 lbs, Guaranty Trust Co
COCOA BEANS—500 bgs, 100,000 lbs, Schwabach Co
2,000 bgs, 400,000 lbs, C M Loeb Rhoades Co
2,500 bgs, 500,000 lbs, Cocoa Trading Co
3,000 bgs, 600,000 lbs, J Aron & Co
2,000 bgs, 400,000 lbs, General Cocoa Co
5,000 bgs, 1,000,000 lbs, Nieschlag & Co
500 bgs, 100,000 lbs, Manufacturers Trust Co
57 bgs, 11,400 lbs, M Harrison & Co
76 bgs, 15,200 lbs, Meyer & Co
250 bgs, 50,000 lbs, J Henry Schroeder Banking Corp
601 bgs, 120,200 lbs, Daarnhouwer & Co
1,000 bgs, 200,000 lbs, H W Peabody & Co
1,000 bgs, 200,000 lbs, H A Phillip
1,000 bgs, 200,000 lbs, Cocoa Importing Co
1,000 bgs, 200,000 lbs, Wood & Selick
3,000 bgs, 600,000 lbs, Curacao Trading Co
400 bgs, 80,000 lbs, Blumenthal Bros
1,000 bgs, 200,000 lbs, W R Grace & Co
COTTONSEED MEAL—11,977 bgs, 1,197,700 lbs, Wessel, Duval & Co
3,100 bgs, 310,000 lbs, Ashcraft Wilkinson Co
GYPSUM—55 bgs, International Corp
HAIR, CATTLE—17 bls, International Commercial Co
CATTLE EAR—17 cs, Armour & Co
CATTLE TAIL—8 bls, Armour & Co
3 bls, J Henry Schroeder Banking Corp
9 bls, Eagle Hair Mfg Co
COW—4 bls, Hair & Fiber Co
HORSE TAIL—12 cs, Robert Schwarz Bristle Co
29 cs, Guaranty Trust Co
MANGROVE BARK—8,340 bgs, Guaranty Trust Co
5,083 bgs, Bingham & Co
MANIOC FLOUR—2,360 bgs, United States Commercial Co
MEDICINAL PREPS—15 cs, D C Andrews & Co
MENTHOL—43 cs, Republic Chemical Co
3 cs, McKesson & Robbins
MICA—175 cs, United States Commercial Co
BLOCK—28 cs, United States Commercial Co
SPLITTINGS—1,898 cs, United States Commercial Co
OIL, CASTOR—750 dms, United States Commercial Co
OIL, CLOVES—33 dms, Dodge & Olcott Co
13 dms
33 cks
EUCALYPTUS—1 cs
GERANIUM—4 cs, Lautier Fils
4 dms, Corn Exchange Bank & Trust Co
2 dms, Norda Essential Oil & Chemical Co
15 cks, Norda Essential Oil & Chemical Co
5 dms, Van Ameringen Haebler
2 dms, Felton Chemical Co
5 dms, P R Dreyer
GRAPEFRUIT—2 cs, Geismar & Co
LEMONGRASS—5 dms, Maywood Chemical Works
OITICICA—3 dms, Lloyd Brasileiro
100 dms, Brasil Oiticica, Inc
880 tons, Brasil Oiticica, Inc
ORANGE—33 cs, Orbis Product Corp
67 cs, W J Bush & Co
PETITGRAIN—16 dms, C Tennant Sons & Co
75 cs, C Tennant Sons & Co
26 dms, Givaudan Delawanna
77 dms, Norda Essential Oil & Chemical Co
3 dms, Felton Chemical Co
27 dms, Duke & Benedict
5 dms, W J Bush & Co
VETTVER—24 dms, Norda Essential Oil & Chemical Co
2 dms, Corn Exchange Bank & Trust Co
3 kgs, Corn Exchange Bank & Trust Co
3 dms, P R Dreyer
14 dms, Standard Bank of South America
YLANG YLANG—11 dms, Dodge & Olcott Co
8 cs, Dodge & Olcott Co
3 dms, Norda Essential Oil & Chemical Co
OX GALLS—3 bbls, Maltbie Chemical Co
13 cks, Charles Hollinshed Co
PAPAIN—93 cs, S B Penick & Co
46 cs
PEPPER, RED—1,100 bgs
PHOSPHATE PRODUCT—15 bgs, International Corp
PYRETHRUM FLOWERS—213 bls, United States Commercial Co
500 bls
SHARK LIVER—24 bbls, Atlantic Coast Fisheries
13 dms, Atlantic Coast Fisheries
SHELLAC—631 bgs
SEEDLAC—130 bgs
ST JOHNS BREAD—1,317 bgs, Balfour, Guthrie & Co
TAPIOCA FLOUR—2,900 bgs, United States Commercial Co
VANILLA BEANS—378 cs, J Manheimer
364 cs, Thurston & Braidich
201 cs, F Huber & Co
279 cs, M Cortizas & Co
223 cs, Dodge & Olcott Co
223 cs, First National Bank
111 cs, Geo Lueders & Co
124 cs, Chase National Bank & Trust Co
70 cs, Zink & Triest
32 cs, E P Henning
96 cs, Bank of Manhattan
24 cs
WATTLE BARK—2,517 bls, Hammond & Carpenter
5,500 bls
EXTRACT—1,028 bgs, Barkey Import Co
5,227 bgs, Guaranty Trust Co
1,018 bgs, American Cyanamid & Chemical Corp
4,480 bgs
WAX, BEES—86 bgs, Smith & Nichols
CARNAUBA—609 bgs, Wm M Allison & Co
55 bgs, Wessel, Duval & Co
122 bgs, American Cyanamid & Chemical Corp
OURICURY—113 bgs, Wm M Allison & Co
28 bgs, Credo Commodity Co
110 bgs, Innis, Speiden & Co
175 bgs, American Cyanamid & Chemical Corp
110 bgs, Distributing & Trading Co
345 bgs, Baird Rubber & Trading Co
112 bgs, Wessel, Duval & Co
125 bgs, Wm Diehl Co
63 bgs, E A Bromund Co
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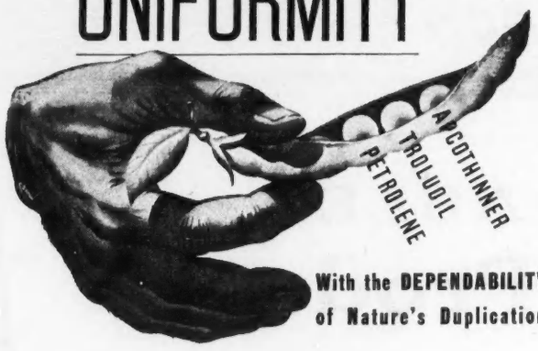

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